

Docket	:	<u>A.24-07-003</u>
Exhibit Number	:	<u>Cal Adv - #</u>
Commissioner	:	<u>Matthew Baker</u>
Administrative Law Judge	:	<u>Alberto Rosas</u>
Public Advocates Office	:	<u></u>
Witness(es)	:	<u>Chris Ronco</u>



**PUBLIC ADVOCATES OFFICE**  
**CALIFORNIA PUBLIC UTILITIES COMMISSION**

**REPORT ON PRODUCTION EXPENSES,  
OPERATIONS AND MAINTENANCE EXPENSES,  
AND SPECIAL REQUEST #3**

**(PUBLIC)**

San Francisco, California  
January 28, 2025

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1 **MEMORANDUM**

2 The Public Advocates Office at the California Public Utilities Commission (Cal  
3 Advocates) examined application material, data request responses, and other information  
4 presented by California Water Services (Cal Water or CWS) in Application  
5 (A.) 24-07-003 to provide the California Public Utilities Commission (Commission or  
6 CPUC) with recommendations in the interests of ratepayers for safe and reliable service  
7 at the lowest cost. Edward Scher is Cal Advocates project lead for this proceeding.  
8 Syreeta Gibbs is the oversight supervisor, and Megan Delaporta and Emily Fisher are the  
9 legal counsel.

10 Although every effort was made to comprehensively review, analyze, and provide  
11 the Commission with recommendations on each ratemaking and policy aspect presented  
12 in the Application, the absence from Cal Advocates' testimony of any particular issue  
13 connotes neither agreement nor disagreement of the underlying request, methodology, or  
14 policy position related to that issue.

1 **CHAPTER 1 PRODUCTION EXPENSES**

2 **I. INTRODUCTION**

3 This chapter presents Cal Advocates’ analysis and recommendations for  
4 forecasting Cal Water’s production expenses for all districts. Production expenses are a  
5 category of Operation and Maintenance (O&M) expenses and are dependent on the  
6 amount of water sold. Cal Water’s production expenses include purchased water,  
7 purchased power, purchased chemicals and pump taxes. In developing its  
8 recommendations, Cal Advocates reviewed Cal Water’s Results of Operation, testimony  
9 historical data, and data request responses.

10 **II. SUMMARY OF RECOMMENDATIONS**

11 The Commission should adopt the following recommendations for Cal Water’s  
12 production expense TY 2026 forecast:

- 13 • Use an average of the most recent available purchased water rates and  
14 service charges (rates) for purchased water;
- 15 • Use a five-year average of annual power expenses per Kilowatt hour for  
16 purchased power;
- 17 • Use a five-year average of Kilowatt hours per production to project  
18 production for purchased power calculation;
- 19 • Use \$0 for purchased chemicals in districts with a recent historical trend  
20 of no chemical expenses;
- 21 • Include purchased water for the per water production calculations for  
22 chemical expenses; and
- 23 • Exclude surface and purchased water for the pump tax and  
24 replenishment fee calculations.

25  
26 These recommendations correct the flaws in Cal Water’s methodology for  
27 forecasting production expenses. Cal Water’s proposed forecasts overestimate  
28 production expenses, inflate the revenue requirement, and increase and ratepayer bills.

1 **III. ANALYSIS**

2 Cal Water forecasts \$271,538,910 in Test Year (TY) 2026 production expenses,  
3 which is 80% of its total O&M forecast.<sup>1</sup> Cal Water has historically over forecasted  
4 production expenses and thus over-collected for these expenses. For example, in Cal  
5 Water’s last GRC, the Commission authorized \$301,143,702 for total 2023 production  
6 expenses<sup>2</sup>, yet Cal Water recorded only \$267,116,612 in 2023 production expenses.<sup>3</sup>  
7 This excess of \$34,027,090 was not necessary to incorporate into Cal Water’s revenue  
8 requirement, which increased ratepayer bills to cover expenses that Cal Water never  
9 incurred. The following adjustments to Cal Water’s production expense forecasts are  
10 vital to ensure that ratepayers do not pay for Cal Water’s overestimates again.

11 **A. Purchased Water**

12 Cal Water purchases water to meet the demand for most of its districts. Cal Water  
13 forecasts \$217,140,705 in purchased water for TY 2026, which amounts to 64% of all  
14 O&M, including nonproduction expenses. **Table 1-1** below breaks down Cal Water’s  
15 total TY forecast by these 17 districts.

16 **Table 1-1: Cal Water’s Purchased Water TY Forecast<sup>4</sup>**

District	TY Forecast
Bakersfield	\$13,015,242
Bear Gulch	\$26,127,458
East Los Angeles	\$6,057,944
Kern River Valley	\$11,601
Livermore	\$11,421,344
Los Altos	\$12,309,185

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<sup>1</sup> Cal Water Workpaper, File: “CH05\_OM\_RO”, Tab: “Rec Proj O&M w-Adj WS-6”.  
<sup>2</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Adopted”.  
<sup>3</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Recorded”.  
<sup>4</sup> Cal Water Workpaper, File: “CH05\_OM\_RO”, Tab: “Rec Proj O&M w-Adj WS-6”.

District	TY Forecast
Stockton	\$13,796,028
Westlake	\$11,950,412
Bayshore	\$47,186,861
Coast Springs	\$48,000
Lucerne	\$17,255
Unified Area	\$19,283
Antelope Valley	\$135,885
Palos Verdes	\$26,390,910
Oroville	\$243,444
Dominguez	\$33,927,269
Hermosa Redondo	\$14,482,582
TOTAL	\$217,140,705

1

2 To forecast the TY total, Cal Water multiplies its wholesaler’s most recent rate per  
3 acre foot (AF) by the estimated purchased water amount, plus the most recent fixed  
4 charge.<sup>5</sup> This is the same forecast method Cal Water proposed and that the Commission  
5 adopted in Cal Water’s previous GRC.<sup>6</sup> Unfortunately, use of this method resulted in  
6 ratepayers overpaying for purchased water by \$31,920,574 in 2023.<sup>7</sup>

7 Accordingly, the Commission should adopt a different forecast method to avoid  
8 placing another large, unnecessary burden on ratepayers. As discussed below, a forecast  
9 method using an average of recent wholesale rates, rather than only the *most* recent rate,  
10 more accurately reflects Cal Water’s annual expenses for purchased water.

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<sup>5</sup> Cal Water Testimony Book #1 at 52.

<sup>6</sup> A.21-07-002, District RO 2021 Reports, Section on Purchased Water.

<sup>7</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Adopted”, Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Recorded” and; Cal Water Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, Tab: “Rec O&M WS-1”, Column: “M”. Total of SOE01-01 (Purchased Water).

1                   **1. Purchased Water Rates Fluctuate Frequently**

2                   Among the 17 Cal Water districts with purchased water expense, there are 65  
3 entries in the Results of Operations Model (ROM) for either variable rates or service  
4 charges (collectively referred to as purchased water rates) for the TY forecast.<sup>8</sup> These  
5 rates change so frequently that Cal Water could not provide all of the rate changes for the  
6 past five years, even at Cal Advocates’ initial request.<sup>9</sup> Based on the 2022-2023 rates Cal  
7 Water provided, 35 of the purchased water rates in the ROM do not increase  
8 consistently.<sup>10</sup> Eleven of these purchased water rates have even decreased at some point  
9 over the past two years.<sup>11</sup> Therefore, a forecast based on only the most recent purchased  
10 water rates does not accurately reflect this fluctuation.

11                   **2. A Recent Rate Average Establishes a Firm Future**  
12                   **Price Level**

13                   An average of provided recent rates best captures rate trends between Cal Water  
14 and the purchased water vendors. In contrast, using a single data point, as Cal Water  
15 proposes, does not consider the instability of water vendor rates. By using an average,  
16 the forecast captures the latest purchased water rates while establishing a firm future  
17 purchased water rate.<sup>12</sup> **Table 1-2** below compares Cal Water’s proposed purchased  
18 water expense totals with Cal Advocates’ recommended forecast, which uses an average  
19 of recent rates.<sup>13</sup>

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<sup>8</sup> Cal Water Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “All Purchased Water WS-1”.

<sup>9</sup> Attachment 1-1: Cal Water’s Response to Cal Advocates Data Request CR8-001, Question 1.e.i.

<sup>10</sup> Attachment 1-2, Cal Water’s Response to Cal Advocates Data Request CR8-001, Attachment 1- Question 1.e.

<sup>11</sup> Attachment 1-2: Cal Water’s Response to Cal Advocates Data Request CR8-001, Attachment 1- Question 1.e.

<sup>12</sup> Standard Practice U-26-W at 7.

<sup>13</sup> All purchased water expenses are escalated and assume Cal Water’s proposed TY water production.

1 **Table 1-2: Cal Water’s and Cal Advocates Purchased Water TY Forecast<sup>14</sup>**

District	Cal Water <sup>15</sup>	Cal Advocates	Difference
Bakersfield	\$13,015,242	\$13,015,242	\$0
Bear Gulch	\$26,127,458	\$23,409,968	\$2,717,490
East Los Angeles	\$6,057,944	\$5,989,405	\$68,539
Kern River Valley	\$11,601	\$11,601	\$0
Livermore	\$11,421,344	\$10,849,606	\$571,738
Los Altos	\$12,309,185	\$11,371,146	\$938,012
Stockton	\$13,796,028	\$12,406,886	\$1,389,142
Westlake	\$11,950,412	\$11,395,244	\$555,169
Bayshore	\$47,186,861	\$43,638,615	\$3,548,246
Coast Springs	\$48,000	\$48,000	\$0
Lucerne	\$17,255	\$17,255	\$0
Unified Area	\$19,283	\$18,645	\$639
Antelope Valley	\$135,885	\$132,693	\$3,192
Palos Verdes	\$26,390,910	\$24,848,977	\$1,541,933
Oroville	\$243,444	\$243,444	\$0
Dominguez	\$33,927,269	\$32,190,437	\$1,736,832
Hermosa Redondo	\$14,482,582	\$13,489,128	\$993,454
<b>TOTAL</b>	<b>\$217,140,705</b>	<b>\$203,076,291</b>	<b>\$14,064,386</b>

2  
3 In total, ratepayers save \$14,064,386 when the purchased water expense forecast is  
4 based on an average of the most recent purchased water rates, instead of just the most  
5 recent rates. Accordingly, the Commission should adopt purchased water forecasts that

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<sup>14</sup> Attachment 1-3 to this report compares all the proposed and recommended rates used to arrive at the above expense totals.

<sup>15</sup> Cal Water Workpaper, File: “CH05\_OM\_RO”, Tab: “Rec Proj O&M w-Adj WS-6”.

1 more accurately reflect Cal Water’s actual expenses to protect ratepayers from ongoing  
2 overpayments for purchased water.

3 **B. Purchased Power**

4 Cal Water purchases power for pumping, boosting, treating and distributing water  
5 throughout its systems.<sup>16</sup> Cal Water’s proposed TY purchased power forecast is a  
6 product of its 2023 purchased power cost per Kilowatt Hour (KwH) rate and its projected  
7 TY usage in KwH.<sup>17</sup>

8 Cal Water’s proposed method, despite implications in its testimony,<sup>18</sup> is not the  
9 standard method since it does not follow the Commission’s Standard Practice (SP) U-26-  
10 W for forecasting purchased power.<sup>19</sup> SP U-26-W states utilities should consider the  
11 KwH/CCF for several past years when estimating purchased, not just a single year as Cal  
12 Water proposes.<sup>20</sup> Further, Cal Water’s forecasting method benefits Cal Water  
13 shareholders and harms ratepayers by using recorded data which skews the results higher  
14 than the typical Cal Water purchased power costs.

15 **1. Cal Water’s Purchased Power Estimate Relies on**  
16 **Atypically High 2023 Data**

17 **Table 1-3** below compares Cal Water’s 2023 total KwH, total purchased power  
18 expenses, and total water production with the most recent four years of available data.  
19

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<sup>16</sup> Cal Water Testimony Book #1 at 54.

<sup>17</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “Purch Power Exp WS-1.” TY KwH usage is forecasted with a product of Cal Water’s projected TY water production (KCCF) and its 2023 KwH per KCCF.

<sup>18</sup> Cal Water Testimony, Book #1, at, 54.

<sup>19</sup> Standard Practice U-26-W at 7.

<sup>20</sup> Standard Practice U-26-W at 7.

1  
2

**Table 1-3: Cal Water’s 2019-2023 Total Kwh, Purchased Power, and Water Production (CCF)**

	2019	2020	2021	2022	2023
Kwh <sup>21</sup>	146,652,274	127,853,206	138,090,604	128,830,391	128,282,791
Power <sup>22</sup>	\$22,526,699	\$25,911,018	\$27,190,705	\$30,863,864	\$32,026,784
Power/ Kwh	\$0.1536	\$0.2027	\$0.1969	\$0.2396	\$0.2497
Prod. <sup>23</sup>	130,307,837	136,467,758	132,649,758	126,366,419	120,465,445
Prod. / Kwh	0.88855	1.06738	0.96060	0.98087	0.93906

3

4 As shown in **Table 1-3**, Cal Water purchased its highest amount of total power in  
5 2023 of the past five years and had its second lowest total Kwh. Under Cal Water’s  
6 forecasting method, the higher the total power costs, the higher the purchased power  
7 forecast. Conversely, the lower the Kwh, the higher the forecast. The only recent year  
8 with a lower company total Kwh was 2020, the sole year Cal Water used to forecast TY  
9 purchased power in its previous GRC.<sup>24</sup> This method led to ratepayers overpaying by  
10 \$5,490,276 in 2023 for purchased power.<sup>25</sup>

11 SP U-26-W states that utilities should consider the Kwh/CCF for several past  
12 years when estimating purchased power.<sup>26</sup> However, Cal Water only considers 2023 for

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<sup>21</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, Tab: “OM\_Power Analysis Final”.

<sup>22</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, Tab: “OM\_Power Analysis Final”.

<sup>23</sup> Cal Water’s Workpaper, File: “CH04\_REV\_FDR\_Sales-Services”, Tab: “WS-20”.

<sup>24</sup> A.21-07-002.

<sup>25</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Adopted” and; Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Recorded”.

<sup>26</sup> Standard Practice U-26-W at 7.



1 its estimate of future purchased power expenses, generating a higher estimate than  
2 several years of data would have produced.<sup>27</sup>

3 To protect ratepayers from overpaying again for purchased power, the  
4 Commission should require Cal Water to use a forecast that considers several past years'  
5 Kwh and expenses, in line with the SP U-26-W. This will help ensure ratepayers do not  
6 overpay for purchased power again.

## 7 **2. Cal Water Provides No Proof of Efficient Power** 8 **Use in 2023**

9 As shown in **Table 1-3**, in 2023, Cal Water produced the least amount of water  
10 company wide of the past five years, and recorded its highest purchased power costs. In  
11 addition, 2023 was one of the lowest Kwh for Cal Water in the last five years.

12 Increasing energy unit prices may explain the large 2023 purchased power costs.  
13 However, as shown in **Table 1-3**, the company total power costs per Kwh does not  
14 increase linearly. The power costs per Kwh decreased from 2020 to 2021. Use of a  
15 single year of data to forecast TY purchased power expenses does not account for the  
16 fluctuations in per unit energy prices.

17 Another possible explanation for this mathematical anomaly is inefficient use of  
18 power during peak hours in 2023. Cal Water failed to provide any purchased power  
19 invoices or any documentation that would prove it avoided energy use during peak  
20 hours.<sup>28</sup> The only reference Cal Water provides is its Minimum Data Requirement  
21 (MDR) filing on energy conservation.<sup>29</sup> The narrative Cal Water provides in its MDR  
22 response is that of an energy-conscious utility that pumps water outside of peak demand  
23 periods in summer months.<sup>30</sup> Unfortunately, Cal Water's 2023 purchased power, Kwh,

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<sup>27</sup> See Table 1-4 in this chapter, comparing Cal Water's and Cal Advocates' TY 2026 purchased power estimates by district.

<sup>28</sup> Attachment 1-1: Cal Water's Response to Cal Advocates Data Request CR8-001, Question 3.d.

<sup>29</sup> Attachment 1-4: Minimum Data Requirement II.F.5.

<sup>30</sup> Attachment 1-4: Minimum Data Requirement II.F.5.

1 and water production numbers contradict this narrative when compared to previous years.  
 2 **Table 1-3** shows the water production per Kwh rate in 2023 is the second lowest year in  
 3 the past five years. This means Cal Water produced the least amount of water per unit of  
 4 energy used in 2023 for the past five years. Using just 2023 to forecast purchased power  
 5 expenses, therefore, only considers expenses when Cal Water had a less efficient water  
 6 production energy rate.

7 **3. Applying a Five-Year Average Accounts for**  
 8 **Typical Use and Purchased Power Expenses in the**  
 9 **Forecast**

10 A five-year average considers past years, in accordance with SP U-26-W.<sup>31</sup>  
 11 Instead of relying solely on 2023 power costs and Kwh, a five-year average considers  
 12 Cal Water’s historical trends and includes years that reflect more efficient energy use for  
 13 water production. **Table 1-4** below compares Cal Water’s proposed purchased power TY  
 14 with the five-year average forecast.

15 **Table 1-4: Cal Water and Cal Advocates Purchased Power TY Forecast<sup>32</sup>**

District	Cal Water’s Proposed	Cal Advocates Recommended	Difference
Antelope Valley	\$102,469	\$103,718	-\$1,249
Bakersfield	\$7,102,225	\$6,570,691	\$531,534
Bayshore	\$1,021,115	\$888,567	\$132,548
Bear Gulch	\$1,463,001	\$1,284,644	\$178,357
Chico	\$3,157,735	\$2,410,205	\$747,530
Dixon	\$260,657	\$205,067	\$55,590
Dominguez	\$1,396,201	\$1,058,008	\$338,194
East Los Angeles	\$1,908,287	\$1,383,211	\$525,076
Hermosa Redondo	\$503,530	\$397,753	\$105,776
Kern River Valley	\$254,854	\$229,187	\$25,667

<sup>31</sup> Standard Practice U-26-W at 7.

<sup>32</sup> These are escalated purchased power expenses, assuming Cal Water’s proposed TY water production.

District	Cal Water's Proposed	Cal Advocates Recommended	Difference
King City	\$202,013	\$176,877	\$25,136
Livermore	\$861,936	\$544,630	\$317,306
Los Altos	\$1,261,824	\$992,254	\$269,570
Marysville	\$228,764	\$170,014	\$58,750
Oroville	\$406,693	\$307,609	\$99,084
Palos Verdes	\$4,765,901	\$3,389,425	\$1,376,476
Salinas	\$2,089,029	\$2,106,652	-\$17,623
Selma	\$639,483	\$555,017	\$84,466
Stockton	\$534,830	\$445,605	\$89,226
Visalia	\$2,127,274	\$1,988,347	\$138,928
Westlake	\$438,068	\$344,051	\$94,017
Willows	\$122,432	\$98,052	\$24,380
Coast Springs	\$25,695	\$20,016	\$5,679
Lucerne	\$118,219	\$111,413	\$6,806
Unified Area	\$16,084	\$1,986	\$14,098
TOTAL	\$31,008,320	\$25,782,997	\$5,225,323

1

2 As shown above, all but two districts have a lower purchased power forecast based  
3 on the five-year average method. In total, ratepayers save \$5,225,323 when the forecast  
4 correctly follows the Commission's Standard Practices. **Attachment 1-5** to this report  
5 compares the per-CCF purchased power rates and projected TY Kwh that result in the  
6 different forecasts in **Table 1-4**.

7 **C. Purchased Chemicals**

8 Cal Water purchases chemicals to treat groundwater, surface water, and raw  
9 purchased water, and to maintain water quality throughout its distribution system.<sup>33</sup> Cal

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<sup>33</sup> Cal Water Testimony Book #1 at 57.

1 Water proposes a TY forecast method of multiplying the five-year average of its  
2 chemical costs per water production by its projected water production.<sup>34</sup> Due to errors in  
3 its RO model and a failure to account for historical trends, Cal Water over-forecasts its  
4 TY purchased chemicals expenses.

5 **1. Lack of Justification for Purchased Chemical**  
6 **Expenses in Antelope Valley and Coast Springs**

7 Cal Water forecasts purchased chemical expenses for 22 of its districts, including  
8 Antelope Valley and Coast Springs. These two districts have no recorded chemical  
9 expenses for the past three and four years, respectively.<sup>35</sup> Cal Water does not explain  
10 why it now expects chemical expenses for these districts, such as a new water source.<sup>36</sup>  
11 Therefore, the Commission should not adopt purchased chemical expense budgets for  
12 these two districts.

13 **2. Cal Water Should Include Purchased Water in**  
14 **Chemical Cost Calculations**

15 Cal Water attempts to calculate historical per-CCF chemical costs for the forecast  
16 in its RO model.<sup>37</sup> However, Cal Water only includes pumped and surface water in its  
17 calculation and its projected production for chemical costs, excluding purchased water.  
18 Cal Water only excludes purchased water for chemical costs, while it uses total  
19 production for its purchased power costs as discussed in *Section B* of this chapter.

20 Purchased water still requires chemicals for treatment, especially when it is  
21 purchased untreated, which Cal Water does for several districts.<sup>38</sup> Additionally,  
22 chemicals are necessary to maintain water quality during distribution, which applies to all

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<sup>34</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “Purch Chem Exp WS-1”.

<sup>35</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “Purch Chem Exp WS-1”. Antelope Valley recorded a negative chemical cost per water production rate in 2021, and \$0 in 2022 and 2023.

<sup>36</sup> Cal Water Testimony Book #1 at 49 and 51.

<sup>37</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “Purch Chem Exp WS-1”.

<sup>38</sup> Attachment 1-1: Cal Water’s Response to Cal Advocates Data Request CR8-001, Question 6.a.

1 water, including purchased water.<sup>39</sup> Excluding purchased water in the purchased  
 2 chemical calculation increases the average per chemical cost for forecast. **Table 1-5**  
 3 below compares Cal Water’s proposed TY purchased chemical expense forecast for all  
 4 districts with Cal Advocates’ recommended forecast. The Commission should adopt Cal  
 5 Advocates’ forecast, which correctly includes purchased water in its calculations and  
 6 accounts for the two districts with no recent recorded chemical costs.

7 **Table 1-5: Cal Water’s and Cal Advocates’ Purchased Chemical TY Forecast<sup>40</sup>**

District	Cal Water’s Proposed	Cal Advocates’ Recommended	Difference
Antelope Valley	\$2,948	\$0	\$2,948
Bakersfield	\$1,364,138	\$1,571,165	-\$207,026
Bayshore	\$32,864	\$144,567	-\$111,704
Bear Gulch	\$6,979	\$82,880	-\$75,901
Chico	\$189,217	\$189,217	\$0
Dixon	\$15,968	\$15,968	\$0
Dominguez	\$448,855	\$213,647	\$235,207
East Los Angeles	\$382,954	\$424,228	-\$41,274
Hermosa Redondo	\$53,649	\$43,957	\$9,693
Kern River Valley	\$119,090	\$119,090	\$0
King City	\$37,253	\$37,253	\$0
Livermore	\$152,183	\$83,866	\$68,317

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<sup>39</sup> Cal Water Testimony Book #1 at 57.

<sup>40</sup> These are escalated purchased chemical expenses, assuming Cal Water’s proposed TY water production.

District	Cal Water's Proposed	Cal Advocates' Recommended	Difference
Los Altos	\$196,906	\$146,079	\$50,827
Marysville	\$31,567	\$31,567	\$0
Oroville	\$332,585	\$65,606	\$266,979
Salinas	\$242,081	\$242,081	\$0
Selma	\$27,111	\$27,111	\$0
Stockton	\$55,566	\$35,935	\$19,631
Visalia	\$245,843	\$245,840	\$3
Willows	\$10,688	\$10,688	\$0
Coast Springs	\$276	\$0	\$276
TOTAL	\$3,948,720	\$3,730,744	\$217,976

1 As shown above, there is a difference in total company purchased chemical  
2 expenses of \$217,976. **Attachment 1-6** of this report compares the per CCF purchased  
3 chemical rates and projected TY water production, that result in the different forecasts in  
4 **Table 1-5**.

5 **D. Pump Tax**

6 Cal Water pays either pump tax or a replenishment fee for eight of its districts.<sup>41</sup>  
7 To forecast its TY expense total, Cal Water multiplies the current tax or fee by the  
8 forecasted produced water. Cal Water is inconsistent with the water source type included  
9 in its forecast method, which leads to an over-forecast of TY pump taxes.

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<sup>41</sup> Cal Water's Workpaper, File: "CH05\_OM\_FDR\_All Production", Tab: "All Pump Tax w-Adj WS-3".

1                   **1.     Bakersfield Surface Water**

2                   For seven of its eight districts with pump taxes or replenishment fees, Cal Water  
3 uses only pumped water for its TY expense calculation.<sup>42</sup> However, for its Bakersfield  
4 district, Cal Water includes surface water in its calculation for pump taxes on  
5 groundwater.<sup>43</sup> This inclusion increases the amount of production for its forecast by  
6 6,830,995 CCF.<sup>44</sup>

7                   The Kern Delta Water Agency assesses pump taxes for Cal Water’s Bakersfield  
8 district.<sup>45</sup> An invoice from Kern Delta Water Agency shows that the tax is only for water  
9 from a specific well, not a surface water source.<sup>46</sup> Including surface water in the  
10 calculation increases the forecast to account for water that does not have the tax imposed  
11 on it. Therefore, the Commission should adopt a pump tax forecast that only uses  
12 pumped water for all districts. **Table 1-6** below compares Cal Water’s proposed TY  
13 forecast with the recommended forecast.

14                   **Table 1-6: Cal Water’s and Cal Advocates’ Pump Tax TY Forecast<sup>47</sup>**

District	Cal Water’s Proposed	Cal Advocates’ Recommended	Difference
Bakersfield	\$1,648,633	\$629,610	\$1,019,023
Dominguez	\$3,971,279	\$3,971,279	\$0
East Los Angeles	\$3,670,999	\$3,670,999	\$0
Hermosa Redondo	\$485,191	\$485,191	\$0

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<sup>42</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “Pump tax Exp WS-1”

<sup>43</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_All Production”, Tab: “Pump tax Exp WS-1”, Cell: J25.

<sup>44</sup> Cal Water’s Workpaper, File: “CH04\_REV\_FDR\_Sales-Services-Wtr Prod”, Tab: “Water Production WS-22”. This amount is under Cal Water’s proposed Bakersfield TY water production forecast.

<sup>45</sup> Cal Water Testimony Book #1 at 56.

<sup>46</sup> Attachment 1-7: Cal Water’s Response to Cal Advocates Data Request CR8-001, Question 7.a, Attachment 10, KCWA Invoice.

<sup>47</sup> These are escalated pump tax expenses, assuming Cal Water’s proposed TY water production.

<b>District</b>	<b>Cal Water's Proposed</b>	<b>Cal Advocates' Recommended</b>	<b>Difference</b>
Los Altos	\$8,198,976	\$8,198,976	\$0
Salinas	\$53,650	\$53,650	\$0
Stockton	\$1,089,921	\$1,089,921	\$0
Visalia	\$552,334	\$552,334	\$0
<b>TOTAL</b>	<b>\$19,670,984</b>	<b>\$18,651,961</b>	<b>\$1,019,023</b>

1  
2 As shown above, excluding surface water from the pump tax forecast saves  
3 Bakersfield ratepayers \$1,019,023.

4 **IV. CONCLUSION**

5 Cal Water's proposed production expense forecasts unnecessarily burden  
6 ratepayers. Adopted amounts from Cal Water's previous GRC demonstrate that changes  
7 must be made to ensure ratepayers' bills reflect Cal Water's actual cost of service. The  
8 Commission should adopt Cal Advocates' forecasts, which properly account for  
9 historical trends and attribute the proper water production sources to each expense.  
10 **Table 1-7** below compares Cal Water's total production expense forecast with Cal  
11 Advocates' recommended forecast.



1 **Table 1-7: Cal Water and Cal Advocates Total Production TY Expense Forecast<sup>48</sup>**

<b>Production Expense Account</b>	<b>Cal Water's Proposed</b>	<b>Cal Advocates' Recommended</b>	<b>Difference</b>
Purchased Water	\$217,140,705	\$203,076,291	\$14,064,386
Purchased Power	\$31,008,320	\$25,782,997	\$5,225,323
Purchased Chemicals	\$3,948,720	\$3,730,744	\$217,976
Pump Tax	\$19,670,984	\$18,651,961	\$1,019,023
<b>TOTAL</b>	<b>\$271,768,729</b>	<b>\$251,241,993</b>	<b>\$20,526,708</b>

2

3 The Commission should adopt all of Cal Advocates' recommended changes to Cal  
 4 Water's proposed production expense forecasts. The changes result in \$20,526,708  
 5 savings for ratepayers.<sup>49</sup>

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<sup>48</sup> This comparison of account totals is under Cal Water's proposed water production forecasts.

<sup>49</sup> Under Cal Advocates' recommended production and sales forecasts, this difference will change.

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### LIST OF ATTACHMENTS FOR CHAPTER 1

	<b>Attachment #</b>	<b>Description</b>
1	Attachment 1-1	Cal Water's Response to Cal Advocates Data Request CR8-001
2	Attachment 1-2	Cal Water's Response to Cal Advocates Data Request CR8-001, Attachment 1- Question 1.e
3	Attachment 1-3	Purchased Water Rates from Cal Advocates workpaper CH05_OM_FDR_All Production
4	Attachment 1-4	MDR II.F.5
5	Attachment 1-5	Purchased Power Rates
6	Attachment 1-6	Purchased Chemicals
7	Attachment 1-7	Cal Water's Response to Cal Advocates Data Request CR8-001, Attachment #10 - Question 7a, KCWA INVOICE

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1                   **CHAPTER 2 OPERATION AND MAINTENANCE EXPENSES**

2   **I.     INTRODUCTION**

3           This chapter presents Cal Advocates’ analysis and recommendations for  
4 forecasting Cal Water’s non-production operation and maintenance (O&M) expenses for  
5 all districts. Cal Water’s O&M expenses include transportation, postage, purchased  
6 services for various purposes, maintenance for stores, contracted maintenance and  
7 uncollectibles. In developing its recommendations, Cal Advocates reviewed Cal Water’s  
8 Results of Operation, testimony, historical data, and data request responses.

9   **II.    SUMMARY OF RECOMMENDATIONS**

10          This chapter presents Cal Advocates’ analysis and recommendations for  
11 forecasting Cal Water’s O&M TY expenses:

- 12           • Use a five-year average of transportation expenses per vehicle  
13           multiplied by the number of vehicles in Cal Water’s fleet for  
14           transportation expenses;
- 15           • Remove additional vehicles associated with capital projects Cal  
16           Advocates disallowed;
- 17           • Use the most recent postage rate increase for postage expenses;
- 18           • Remove nonrecurring expenses for all purchased services and  
19           contracted maintenance in the past five years;
- 20           • Reduce Sustainable Groundwater Management Act associated costs in  
21           purchased services for source of supply;
- 22           • Remove savings and expenses associated with rejected AMI projects  
23           from purchased services;
- 24           • Remove State Water Resources Control Board (SWRCB) fees from  
25           purchased services for water treatment;
- 26           • Increase cost savings from a Commission-approved East LA water  
27           quality lab in purchased services for water treatment;
- 28           • Prevent removal of savings associated with projects approved by the  
29           Commission under the assumption of those savings in purchased  
30           services for customer accounting;
- 31           • Reduce computer upgrade associated costs in purchased services for  
32           customer accounting;

- 1 • Remove contracted maintenance costs for tank painting and well  
2 rehabilitation associated with rejected capital projects; and
- 3 • Include 2018 and 2019 yearly average calculations for uncollectibles.

4  
5 These recommendations correct the flaws in the methodology Cal Water uses to  
6 forecast O&M expenses. Cal Water’s forecast methodology overestimates O&M  
7 expenses, which increases Cal Water’s revenue requirement and ratepayer bills.

### 8 **III. ANALYSIS**

9 Cal Water forecasts \$71,822,075 in Test Year (TY) 2026 O&M expenses,  
10 including uncollectibles.<sup>50</sup> The following adjustments to Cal Water’s production expense  
11 forecasts are vital to ensure ratepayers do not pay for Cal Water’s overestimates.

#### 12 **A. Transportation**

13 Cal Water includes expenses related to its fleet of vehicles for each district in its  
14 transportation expense account. These expenses include depreciation, fuel, vehicle  
15 registration, repairs and maintenance.<sup>51</sup> Cal Water forecasts TY transportation expenses  
16 separately for operations, maintenance, and Administrating and General (A&G).<sup>52</sup> For  
17 all three accounts, Cal Water uses the same forecast method of averaging 2019-2023  
18 expense totals.

19 In addition, Cal Water adds to its operations account the estimated costs of  
20 additional vehicles it claims are needed for new complements and capital projects.<sup>53</sup>

21 There is a total of 28 new vehicles associated with eight projects.<sup>54</sup> Cal Water calculates

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<sup>50</sup> Cal Water’s Workpaper, File: “CH05\_OM\_RO”, Tab: “Rec Proj O&M w-Adj WS-6” and  
“CH05\_OM\_FDR\_Escal\_Synergy\_Uncollectibles”, Tab: “Projected Uncollectible WS-2”.

<sup>51</sup> Cal Water Testimony Book #1 at 62.

<sup>52</sup> Cal Water Testimony Book #1 at 62.

<sup>53</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Other AG”, Tab: “Transportation Adj WS-1”.

<sup>54</sup> Attachment 2-1: Cal Water’s Response to Cal Advocates Data Request CR8-010, Question 1.b,  
Attachment 1. In its application, Cal Water stated the total was 22 new vehicles, however during  
discovery Cal Water increased the number to 28.

1 this cost estimate by multiplying the cost per vehicle in 2023, escalated to 2026, by the  
2 number of additional vehicles for each of its districts with new capital projects.<sup>55</sup>

3 This is the same forecast methodology that Cal Water proposed, and the  
4 Commission adopted, in the utility’s previous GRC.<sup>56</sup> Cal Water ratepayers overpaid for  
5 transportation expenses by \$852,374 in 2023.<sup>57</sup> To prevent ratepayers from paying for  
6 transportation expenses that Cal Water is unlikely to incur, adjustments must be made to  
7 its forecast.

8 **1. Per Vehicle Average**

9 It is unclear why Cal Water combines two different forecast methods to project  
10 TY transportation expenses. Using an average of total transportation expenses fails to  
11 account for the decrease in the number of vehicles in Cal Water’s total fleet. From 2023  
12 to 2024, Cal Water reported 182 fewer vehicles.<sup>58</sup> An average of total expense would  
13 thus over-forecast TY transportation expense because there are fewer vehicles to incur  
14 expenses.

15 A per-vehicle average captures the changes in transportation related expenses such  
16 as depreciation and fuel and considers the change in the number of vehicles in Cal  
17 Water’s district fleets.<sup>59</sup> Cal Water provided the most recent number of vehicles as of  
18 2024.<sup>60</sup> Using the per vehicle average decreases the TY forecast to \$6,950,387 compared  
19 to Cal Water’s \$8,755,620 forecast. The Commission should therefore adopt a TY

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<sup>55</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Other AG”, Tab: “Transportation Adj WS-1”, row: P.

<sup>56</sup> A.21-07-002, Cal Water GRC 2021 General Report at 40.

<sup>57</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Adopted” and; Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Recorded”.

<sup>58</sup> Attachment 2-2: Cal Water’s Response to Cal Advocates Data Request CR8-004, Question 1.a, Attachment 1; Attachment 2-1: Cal Water’s Response to Cal Advocates Data Request CR8-010, Question 2.

<sup>59</sup> Attachment 2-2: Cal Water’s Response to Cal Advocates Data Request CR8-004, Question 2.

<sup>60</sup> Attachment 2-2: Cal Water’s Response to Cal Advocates Data Request CR8-004, Question 2 and Attachment 2-1: Cal Water’s Response to Cal Advocates Data Request CR8-010, Question 2.

1 transportation expense forecast that uses the average of the per vehicle costs for 2019-  
2 2023 multiplied by the number of vehicles in 2024.

3 **2. Exclude Additional Vehicle Costs**

4 In addition, the Commission should remove all expenses associated with the  
5 additional vehicles requested for capital projects that Cal Advocates rejects for funding.<sup>61</sup>  
6 The vehicles are listed below in **Table 2-1**.<sup>62</sup>

7 **Table 2-1: Additional Vehicles for Projects Rejects Funding for**

District	PID	Number of Vehicles
Customer Support	00134646	3
Bakersfield	00134719	8
Bayshore	00134769	2
Livermore	00134776	2
Los Altos	00134768	2.5
Bear Gulch	00134775	0.5
Chico	00134774	2
Visalia	00134771	2
East LA	00132441	1
East LA	00132442	2
Livermore	00132449	3

8 The transportation costs associated with these PIDs should be removed from the  
9 TY forecast. **Table 2-2** below compares Cal Water’s proposed TY forecast with Cal  
10 Advocates’ recommended forecast that uses an average of per vehicle transportation  
11 expenses and removes these PID transportation costs.

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<sup>61</sup> See Report and Recommendations on Percentage Cost Adders, Previously Funded Incomplete Projects, Common Plant, Customer Support Services and Ranch Dominguez, Four Factor Allocation, Livermore District, Stockton District, and Travis District.

<sup>62</sup> Attachment 2-1: Cal Water’s Response to Cal Advocates Data Request CR8-010, Question 1.b., Attachment 1.

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**Table 2-2: Cal Water's and Cal Advocates Transportation TY Forecast**

<b>District</b>	<b>Cal Water's Proposed</b>	<b>Cal Advocates' Recommended</b>	<b>Difference</b>
Antelope Valley	\$82,809	\$73,613	\$9,196
Bakersfield	\$1,068,722	\$1,055,910	\$12,812
Bayshore	\$471,618	\$504,258	-\$32,640
Bear Gulch	\$319,086	\$328,435	-\$9,349
Chico	\$436,213	\$438,434	-\$2,221
Dixon	\$72,752	\$110,562	-\$37,810
Dominguez	\$519,222	\$546,023	-\$26,801
East Los Angeles	\$593,386	\$629,765	-\$36,379
Hermosa Redondo	\$370,487	\$392,875	-\$22,389
Kern River Valley	\$129,644	\$111,970	\$17,674
King City	\$59,591	\$85,305	-\$25,714
Livermore	\$229,690	\$234,167	-\$4,477
Los Altos	\$289,457	\$234,654	\$54,803
Marysville	\$87,013	\$114,737	-\$27,724
Oroville	\$98,652	\$88,886	\$9,766
Palos Verdes	\$391,234	\$408,205	-\$16,971
Salinas	\$507,842	\$450,024	\$57,818
Selma	\$70,292	\$61,308	\$8,984
Stockton	\$627,802	\$590,535	\$37,267
Visalia	\$629,087	\$644,026	-\$14,939
Westlake	\$149,478	\$158,553	-\$9,075
Willows	\$38,825	\$49,094	-\$10,269
Coast Springs	\$14,786	\$14,786	\$0
Lucerne	\$84,792	\$84,792	\$0
Unified Area	\$31,734	\$31,734	\$0

Travis	\$34,777	\$161,900	-\$127,123
Customer Support	\$1,346,628	\$133,032	\$1,213,596
TOTAL	\$8,755,620	\$7,737,584	\$1,018,035

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Cal Water does not provide a compelling reason to separate its transportation forecast into operations, maintenance, and A&G. Therefore, in addition to the above changes, the Commission should adopt a forecast with all transportation expenses combined in the operations expense account. Cal Advocates’ recommended forecast saves ratepayers \$1,018,035 for TY transportation expenses.

**B. Postage**

Cal Water forecasts TY postage expenses using the formula below:

$$(2023 \text{ postage expenses} / 2023 \text{ number of services}) * \text{increase in postage rate from 2023 to 2024} * \text{TY number of services}$$

According to Cal Water, the increase in the postage rate is 5.43%.<sup>63</sup> Cal Water formulates this increase using the average of the two 2023 postal rates to normalize 2023 rates, then calculates the increase from this normalized rate to the January 2024 rate.<sup>64</sup>

**1. Most Recent Postal Rate Increase**

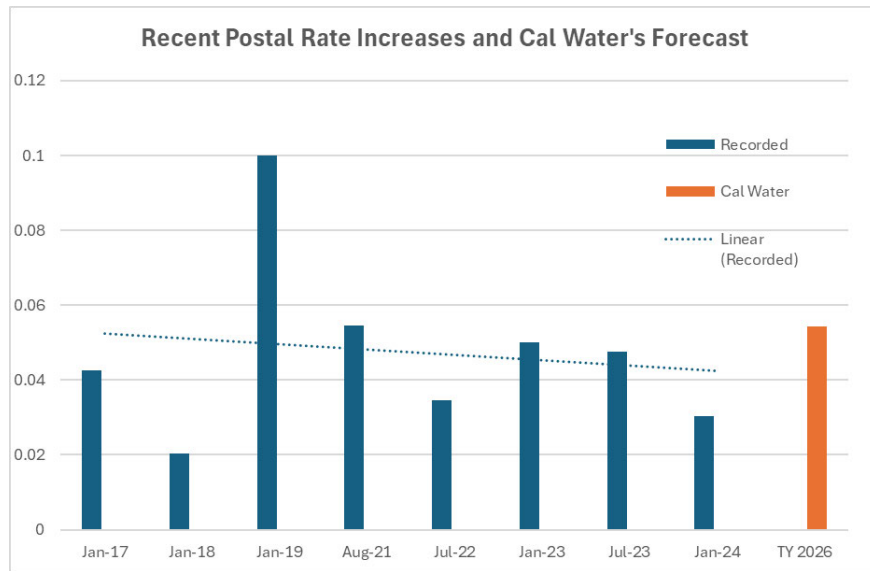
Cal Water’s proposed postal rate increase for its TY postal expense forecasts is an outlier of postal rate increases. Cal Water’s estimated postal rate is higher than the past four postal rate changes. Additionally, Cal Water’s postal rate increase is not in line with the trend of historic data. **Figure 2-1** below compares the most recent eight postal rate changes with Cal Water’s proposed forecast.

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<sup>63</sup> Cal Water Testimony Book #1 at 63.  
<sup>64</sup> Attachment 2-3: Cal Water’s Response to Cal Advocates Data Request CR8-005, Question 1.b, Attachment 2.



1 **Figure 2-1: Historical Postal Rate Increases compared to Cal Water’s<sup>65</sup>**



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4 The above figure shows Cal Water’s postal rate increase is greater than the  
 5 projected based on historical data. Standard Practice U-26-W provides guidance on  
 6 estimating postage expenses to prevent over-forecasting. The Commission’s guidance on  
 7 forecasting postage expense instructs utilities to consider the *latest* postage rates.<sup>66</sup> Cal  
 8 Water’s method of creating a normalized 2023 rate composed of two rates, does not  
 9 improve the accuracy of the forecast. Additionally, Cal Water provides no evidence to  
 10 support its drastic proposed increase from the January 2024 postal rate. The Postal  
 11 Regulatory Commission even approved a rate increase similar to the 2024 increase, of  
 12 3.2% for 2025.<sup>67</sup>

13 Therefore, the Commission should adopt a TY postage expense using the 3.0303%  
 14 rate increase from January 2024 in its forecast instead of Cal Water’s 5.43%. **Table 2-3**  
 15 below compares Cal Water’s proposed TY postage expense forecasts with Cal  
 16 Advocates’ recommended forecast.

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<sup>65</sup> Attachment 2-3: Cal Water’s Response to Cal Advocates Data Request CR8-005, Question 1.b.

<sup>66</sup> Standard Practice U-26-W at 9.

<sup>67</sup> [U.S. Postal Service Recommends New Competitive Prices for 2025 - Newsroom - About.usps.com](https://www.usps.com/newsroom/2024/08/2025-competitive-prices)

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**Table 2-3: Cal Water's and Cal Advocates' Postage TY Forecast**

<b>District</b>	<b>Cal Water's Proposed</b>	<b>Cal Advocates Recommended</b>	<b>Difference</b>
Antelope Valley	\$5,697	\$5,568	\$129
Bakersfield	\$290,385	\$283,785	\$6,600
Bayshore	\$210,863	\$206,071	\$4,792
Bear Gulch	\$73,434	\$71,765	\$1,669
Chico	\$120,475	\$117,737	\$2,738
Dixon	\$11,963	\$11,691	\$272
Dominguez	\$136,859	\$133,748	\$3,111
East Los Angeles	\$105,561	\$103,162	\$2,399
Hermosa Redondo	\$105,579	\$103,180	\$2,399
Kern River Valley	\$16,145	\$15,778	\$367
King City	\$10,934	\$10,685	\$249
Livermore	\$73,681	\$72,006	\$1,675
Los Altos	\$74,080	\$72,397	\$1,683
Marysville	\$15,539	\$15,186	\$353
Oroville	\$14,177	\$13,855	\$322
Palos Verdes	\$94,817	\$92,662	\$2,155
Salinas	\$113,535	\$110,954	\$2,581
Selma	\$25,817	\$25,230	\$587
Stockton	\$173,969	\$170,016	\$3,953
Visalia	\$181,889	\$177,755	\$4,134
Westlake	\$27,959	\$27,323	\$636
Willows	\$9,467	\$9,252	\$215
Coast Springs	\$1,050	\$1,026	\$24
Lucerne	\$5,257	\$5,138	\$119
Unified Area	\$1,680	\$1,642	\$38
Travis	\$325	\$318	\$7
<b>TOTAL</b>	<b>\$1,901,136</b>	<b>\$1,857,930</b>	<b>\$43,207</b>

1 As shown in Table 2-3, using the most recent postage rate increase saves  
2 ratepayers \$43,207 for TY postage expenses.

3 **C. Purchased Services – Source of Supply**

4 Cal Water includes expenses incurred in the operation of its source of supply  
5 facilities in its purchased service for source of supply (source of supply) account.<sup>68</sup> Cal  
6 Water proposes to use a five-year average plus adjustments in its forecast, which includes  
7 Customer Support Service (CSS) expenses associated with the Sustainable Groundwater  
8 Management Act (SGMA).<sup>69</sup> Cal Water’s TY forecast results in a 139% increase  
9 compared to recorded 2023 source of supply expenses. Ratepayers already over paid for  
10 the account by 74% from its previous GRC using the same forecast method.<sup>70</sup>

11 **1. Remove Nonrecurring Expenses from Five-Year**  
12 **Average**

13 Standard Practice U-26-W directs utilities to remove nonrecurring expenses from  
14 TY O&M forecasts to prevent this distortion.<sup>71</sup> Cal Water uses the five-year average of  
15 source of supply expenses as the base for its TY source of supply forecast. From 2019-  
16 2023, Cal Water included nonrecurring expenses for several districts.<sup>72</sup> Including  
17 nonrecurring expenses in the average increases the forecast. The purpose of this  
18 proceeding is to set rates for future expenses, not expenses that Cal Water incurred in the  
19 past but will likely not incur again.<sup>73</sup> Accordingly, the Commission should exclude  
20 nonrecurring expenses from Cal Water’s O&M forecast. **Table 2-4** contains the  
21 nonrecurring expense entries recommended for removal.

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<sup>68</sup> Cal Water Testimony Book #1 at 65.

<sup>69</sup> Cal Water Testimony Book #1 at 65-66.

<sup>70</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Adopted” and; Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Recorded”.

<sup>71</sup> Standard Practice U-26-W at 2.

<sup>72</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M.”

<sup>73</sup> D. 07-05-062 at A-19.

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**Table 2-4: Nonrecurring Source of Supply Expenses<sup>74</sup>**

District	Year	Account	Amount
Dominguez	2019	Operation Expenses	\$633
East LA	2019	Operation Expenses	\$16
East LA	2020	Operation Expenses	\$5,071
East LA	2021	Operation Expenses	\$690
Oroville	2019	Supervision and Engineer Exp.	\$3,085
Stockton	2019	Operation Expenses	\$27,450
Stockton	2020	Operation Expenses	\$10,540
CSS	2021	Miscellaneous Expenses	\$20,893
CSS	2022	Miscellaneous Expenses	\$4,217
Coast Springs	2020	Supervision and Engineer Exp.	\$2,873
Coast Springs	2021	Supervision and Engineer Exp.	\$4,492
Coast Springs	2020	Allocation of Miscellaneous	\$269
Coast Springs	2022	Allocation of Miscellaneous	\$1,544
Coast Springs	2023	Allocation of Miscellaneous	\$509

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Additionally, several districts recorded years of expenses for certain source of supply accounts with significantly higher totals compared to other annual totals. Cal Water provided its General Ledger (GL) at Cal Advocates’ request.<sup>75</sup> Certain GL entries do not have a recurring journal identification or reference number in the same year, while some entries contained no reference number at all. The Commission should remove these entries from the account totals for the five-year average calculation because they are not likely to recur.<sup>76</sup> **Table 2-5** below contains the nonrecurring GL entries recommended for removal.

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<sup>74</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M.”

<sup>75</sup> Attachment 2-4: Cal Water’s Response to Cal Advocates Data Request CR8-006 Attachment #1 - Question 1.

<sup>76</sup> D.07-05-062 at A-19.

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**Table 2-5: Nonrecurring Source of Supply Expense GL Entries<sup>77</sup>**

District	Year	Account	Journal ID	Reference Number	Amount
Bakersfield	2022	Operation Expenses	51NA	none	\$1,200
Bear Gulch	2022	Operation Expenses	AC_EST2	none	\$4,373
Bear Gulch	2022	Operation Expenses	AP00246518	01587409	\$2,313

2

3 Removing the expenses in **Table 2-4** and **Table 2-5** from the source of supply  
4 five-year average calculation reduces the TY forecast and saves ratepayers \$19,501.

5 **2. Sustainable Groundwater Management Account**  
6 **Expenses**

7 Cal Water forecasts additional costs associated with the Sustainable Groundwater  
8 Management Act (SGMA) in TY source of supply expenses to Customer Support  
9 Services (CSS).<sup>78</sup> The costs total \$732,457 per year and consist of the following cost  
10 components, for which the Commission should adjust.

11

12 SGMA General Support

13 Cal Water forecasts \$150,000 per year for SGMA general support. However, a  
14 proposal from consultants for support services for similar activities provided to Cal Water  
15 in 2023 demonstrates that reductions should be made to the \$150,000 forecast. <<begin

16 **confidential>>** [REDACTED]  
17 [REDACTED]

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<sup>77</sup> Attachment 2-4: Cal Water’s Response to Cal Advocates Data Request CR8-006 Attachment #1 - Question 1.

<sup>78</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Other\_OM”, tab: “SD\_Misc Adjustments.”

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[Redacted]

[Redacted] <<end confidential>> The Commission should adopt a forecast for SGMA general support of \$50,000 per year.

SGMA Technical Advisory Committee Support

Cal Water forecasts \$99,308 per year for SGMA technical advisory committee support. The forecast consists of three different components: 2024 costs for support in the Salinas district, 2024 costs for support in the Visalia district, and an estimate of 2024 support for another district based on the Salinas costs.<sup>80</sup> Cal Water incorrectly uses these three cost components to forecast its \$99,308 adjustment. <<begin confidential>> [Redacted]

[Redacted]

<sup>79</sup> <<begin confidential>> [Redacted] <<end confidential>>

<sup>80</sup> Attachment 2-4: Cal Water’s Response to Cal Advocates Data Request CR8-006, Q2d.

<sup>81</sup> <<begin confidential>> [Redacted] <<end confidential>>

<sup>82</sup> <<begin confidential>> [Redacted] <<end confidential>>

<sup>83</sup> Attachment 2-4: Cal Water’s Response to Cal Advocates Data Request CR8-006, Q2d.

<sup>84</sup> Attachment 2-4: Cal Water’s Response to Cal Advocates Data Request CR8-006, Q2d.

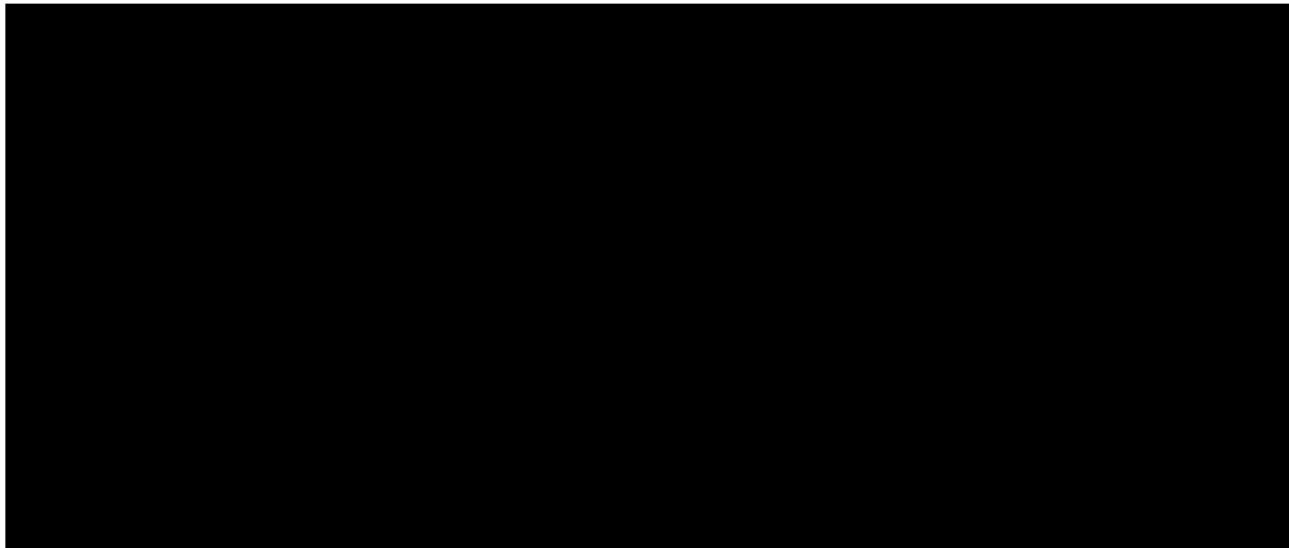
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**<<end confidential>>** The Commission should adopt a forecast of \$41,100 per year for SGMA technical advisory support.

Alternative Water/Groundwater Banking

Cal Water forecasts \$300,000 per year for water supply and demand assessments. Cal Water drastically overestimates these costs and fails to provide substantial evidence these costs will likely be incurred. **<<begin confidential>>**



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<sup>85</sup> D.86-08-083.

<sup>86</sup> **<<begin confidential>>**

<sup>87</sup> **<<end confidential>>**

<sup>88</sup> Cal Water Attachment: E – Current Tariffs.

1 [REDACTED]  
2 [REDACTED]  
3 <<end confidential>> The Commission should adopt a forecast of \$0 per year for  
4 alternative water/ groundwater banking.

5 The Commission should adopt the changes to the SGMA forecasted costs  
6 recommended above in addition to the removal of nonrecurring expenses. The resulting  
7 TY forecast saves ratepayers \$473,496.

#### 8 **D. Purchased Services – Pumping**

9 Cal Water includes expenses from pumping equipment operation in its account for  
10 purchased services for pumping (pumping).<sup>89</sup> Cal Water proposes to use a five-year  
11 average plus adjustments. These adjustments include savings from Cal Water’s proposed  
12 Advanced Metering Infrastructure (AMI). This is the same forecasting method the utility  
13 proposed in its previous GRC, which resulted in ratepayers overpaying by \$761,467.<sup>90</sup>

##### 14 **1. Remove Nonrecurring Expenses from 5 Year** 15 **Average**

16 Standard Practice U-26-W directs utilities to remove nonrecurring expenses from  
17 TY O&M forecasts to prevent this distortion.<sup>91</sup> Cal Water uses the five-year average of  
18 source of supply expenses as the base for its TY pumping forecast. From 2019-2023, Cal  
19 Water included nonrecurring expenses for several districts.<sup>92</sup> Including nonrecurring  
20 expenses in the average distorts the forecast. The purpose of this proceeding is to set rates  
21 for future expenses, not expenses that Cal Water incurred in the past but will likely not

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<sup>89</sup> Cal Water Testimony Book #1 at 67.

<sup>90</sup> Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Adopted” and; Cal Water Workpaper, File: “W\_Reports\_SOE All”, Tab: “SOE-All\_2023 Recorded”.

<sup>91</sup> Standard Practice U-26-W at 2.

<sup>92</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M.”



1 incur again.<sup>93</sup> Accordingly, the Commission should exclude nonrecurring expenses from  
 2 Cal Water’s O&M forecast.

3 **Table 2-6: Nonrecurring Source of Pumping Expenses<sup>94</sup>**

District	Year	Account	Amount
Bayshore	2021	Supervision and Engineer Exp.	\$15,242
Bayshore	2022	Supervision and Engineer Exp.	\$3,511
Bear Gulch	2019	Fuel for Production	\$1,156
Bear Gulch	2023	Fuel for Production	\$4,183
Chico	2022	Supervision and Engineer Exp.	\$108,747
Chico	2019	Power for Production	\$74
Chico	2020	Power for Production	\$4,529
Livermore	2022	Supervision and Engineer Exp.	\$46,127
Livermore	2020	Fuel for Power for Production	\$1,836
Livermore	2021	Fuel for Power for Production	\$1,146
Livermore	2022	Fuel for Power for Production	\$3,465
Los Altos	2020	Fuel for Production	\$294
Oroville	2021	Fuel for Production	\$1,654
Salinas	2019	Supervision and Engineer Exp.	\$6,552
Salinas	2020	Supervision and Engineer Exp.	\$4,543
Selma	2020	Power for Production	\$3,395
Selma	2023	Fuel for Power for Production	\$1,110

4  
 5 Additionally, several districts recorded years of expenses for certain pumping  
 6 accounts with significantly higher totals compared to other annual totals. Cal Water  
 7 provided its General Ledger (GL) at Cal Advocates’ request.<sup>95</sup> Certain GL entries did not

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<sup>93</sup> D. 07-05-062 at A-19.

<sup>94</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M.”

<sup>95</sup> Attachment 2-8: Cal Water’s Response to Cal Advocates Data Request CR8-006 Attachment #2 - Question 3.

1 have a recurring journal ID or reference number in the same year, while some entries  
 2 contained no reference number at all.<sup>96</sup> The Commission should remove these entries  
 3 from the account totals for the five-year average calculation since they are not likely to  
 4 occur again.<sup>97</sup> **Table 2-7** below contains the nonrecurring GL entries recommended for  
 5 removal.

6 **Table 2-7: Nonrecurring Pumping Expense GL Entries<sup>98</sup>**

District	Year	Account	Journal ID	Reference Number	Amount
Bayshore	2019	Miscellaneous Expenses	AP00196737	01425237	\$17,423
Bayshore	2019	Miscellaneous Expenses	AP00178559	01371649	\$15,305
Livermore	2019	Miscellaneous Expenses	AP00194360	01421447	\$12,220
Livermore	2019	Miscellaneous Expenses	AP00192748	01416264	\$12,220
Selma	2019	Miscellaneous Expenses	EXP0180651	0000122414	\$1,509
Selma	2019	Miscellaneous Expenses	AP00179740	01374768	\$1,011

7  
 8 Removing the expenses in **Table 2-6** and **Table 2-7** from the pumping five-year  
 9 average calculation reduces the TY forecast and saves ratepayers \$65,272.

10 **2. AMI Savings**

11 Cal Water forecasts that its proposed Advanced Metering Infrastructure (AMI)  
 12 plan will result in savings in pumping expenses. Cal Advocates' recommended changes

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<sup>96</sup> Entries with no reference number are assumed to not have recurring counterparts in the GL.

<sup>97</sup> D. 07-05-062 at A-19.

<sup>98</sup> Attachment 2-8: Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #2 - Question 3.

1 to the AMI requests thus will result in changes to the AMI savings included in the TY  
2 pumping forecast.<sup>99</sup>

3 Cal Advocates' recommended TY forecast for pumping expenses saves ratepayers  
4 \$65, 272. This figure will decrease by any reduction in savings that result from  
5 recommended changes to the AMI.

## 6 **E. Purchased Services – Water Treatment**

7 Cal Water includes expenses from the operation of its water treatment plants in its  
8 account for purchased services water treatment (water treatment).<sup>100</sup> Cal Water proposes  
9 to use a five-year average plus adjustments. These adjustments include: 1) expenses from  
10 per- and polyfluoroalkyl substances (PFAS) treatment; 2) expenses from AMI for several  
11 districts; and 3) savings from Cal Water's authorized East Los Angeles (ELA) water  
12 quality lab.<sup>101</sup>

### 13 **1. Remove Nonrecurring Expenses from Five-Year** 14 **Average**

15 Standard Practice U-26-W directs utilities to remove nonrecurring expenses from  
16 TY O&M forecasts to prevent this distortion.<sup>102</sup> Cal Water uses the five-year average of  
17 water treatment expenses as the base for its TY forecast. From 2019-2023, Cal Water  
18 included nonrecurring expenses for several districts.<sup>103</sup> Including nonrecurring expenses  
19 in the average distorts the forecast. The purpose of this proceeding is to set rates for  
20 future expenses, not expenses that Cal Water incurred in the past but will likely not incur  
21 again.<sup>104</sup> Accordingly, the Commission should exclude nonrecurring expenses from Cal  
22 Water's O&M forecast.

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<sup>99</sup> Report on Plant for Bayshore, Bear Gulch, Los Altos, Redwood Valley Districts, & Multiple Common Plant Issues.

<sup>100</sup> Cal Water Testimony Book #1 at 69.

<sup>101</sup> Cal Water Testimony Book #1 at 69 and 71.

<sup>102</sup> Standard Practice U-26-W at 2.

<sup>103</sup> Cal Water's Workpaper, File: "Y\_CH05\_OM\_SD\_Rec OM Exp", tab: "SD\_Rec O&M."

<sup>104</sup> D. 07-05-062 at A-19.

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**Table 2-8: Nonrecurring Source of Water Treatment Expenses<sup>105</sup>**

District	Year	Account	Amount
Antelope Valley	2020	Operation Lab	\$950
Bayshore	2020	Bacterial Lab	\$384
Dominguez	2022	Sampling Wells	\$1,791
Dominguez	2023	Sampling Wells	\$2,032
Dominguez	2021	Structure & Improvement	\$1,450
Dominguez	2022	Structure & Improvement	\$5,231
Dominguez	2023	Structure & Improvement	\$41,265
Hermosa Redondo	2021	Structure & Improvement	\$48,285
Hermosa Redondo	2022	Structure & Improvement	\$50,000
Hermosa Redondo	2023	Structure & Improvement	\$61,165
Salinas	2019	Supervision and Engineer	\$6,335
Salinas	2020	Supervision and Engineer	\$5,200
Westlake	2019	Bacterial Lab	\$1,517
Westlake	2020	Bacterial Lab	\$1,187
Westlake	2022	Bacterial Lab	\$1,021

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3            Additionally, several districts recorded years of expenses for water treatment  
4 accounts with significantly higher totals compared to other annual totals. Cal Water  
5 provided its General Ledger (GL) at Cal Advocates’ request.<sup>106</sup> Certain GL entries did  
6 not have a recurring journal ID or reference number in the same year, while some had no  
7 reference number at all. The Commission should remove these entries from the account  
8 totals for the five-year average calculation since they are unlikely to occur again.<sup>107</sup>  
9 **Table 2-9** below contains the nonrecurring GL entries recommended for removal.

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<sup>105</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M”.

<sup>106</sup> Attachment 2-9: Cal Water’s Response to Cal Advocates Data Request CR8-007 Attachment #1 - Question 1.

<sup>107</sup> D. 07-05-062 at A-19.

1 **Table 2-9: Nonrecurring Water Treatment Expense GL Entries<sup>108</sup>**

District	Year	Account	Journal ID	Reference Number	Amount
Bakersfield	2023	Outside Lab	AP00285302	01702646	\$3,425
Chico	2023	Outside Lab	AP00272708	01664665	\$4,785
Chico	2023	Outside Lab	AP00278836	01683551	\$4,330
East LA	2019	Miscellaneous	27NA	none	\$518,572
Palos Verdes	2020	Miscellaneous	AP00215203	01493240	\$6,963
Palos Verdes	2020	Miscellaneous	EXP0213047	0000149935	\$2,923

2  
 3 Removing the expenses in **Table 2-8** and **Table 2-9** from the water treatment five-  
 4 year average calculation reduces the TY forecast and saves ratepayers \$211,666.

5 **2. AMI Expenses**

6 Cal Water forecasts expenses in water treatment resulting from its proposed  
 7 Advanced Metering Infrastructure (AMI) plan. Cal Advocates’ recommended changes to  
 8 Cal Water’s AMI requests will result in changes to the amount of AMI savings included  
 9 in the TY water treatment forecast.

10 **3. East Los Angeles Water Quality Lab Savings**

11 Cal Water requests in its application to forecast an additional \$534,667 per year in  
 12 savings from a water quality lab approved in its previous GRC.<sup>109</sup> The Commission  
 13 approved the lab under the assumption there would be \$800,000 in savings for water  
 14 treatment a year.<sup>110</sup> At the time this application was filed, Cal Water believed the lab  
 15 completion date would be delayed by one year, and thus proposed amortizing the savings  
 16 expected for just 2027 and 2028, over the 2026-2028 rate cycle.<sup>111</sup> This reduced the

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<sup>108</sup> Attachment 2-9: Cal Water’s Response to Cal Advocates Data Request CR8-007 Attachment #1 - Question 1.

<sup>109</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Misc Adjustments”.

<sup>110</sup> Cal Water Testimony Book #1 at 71.

<sup>111</sup> Cal Water Testimony Book #1 at 71.

1 \$800,000 in savings to \$534,667.<sup>112</sup> However, it became known during discovery that  
2 Cal Water now expects the lab to be completed in mid 2025.<sup>113</sup> The 2025 completion  
3 date means that cost savings will be actualized in 2026, and thus the savings should be  
4 increased to the initial assumption of \$800,000 per year.

5 The Commission should adopt the changes to the savings from the ELA water  
6 quality lab recommended above and should remove nonrecurring expenses. The resulting  
7 TY forecast would save ratepayers \$476,999, plus any reduction in expenses that result  
8 from Cal Advocates' recommended changes to the AMI.

## 9 **F. Purchased Services – Transmission and Distribution**

10 Cal Water includes expenses to operate its transmission and distribution facilities  
11 in its account for purchased services transmission and distribution (transmission and  
12 distribution).<sup>114</sup> Cal Water proposes to use a five-year average plus adjustments.

### 13 **1. Remove Nonrecurring Expenses from Five-Year** 14 **Average**

15 Cal Water uses the five-year average of transmission and distribution expenses as  
16 the base for its TY source of supply forecast. Within the 2019-2023 period, there are  
17 several districts that contain a year of expenses for a certain account or two to three years  
18 with minimal totals.<sup>115</sup> Even though inclusion of these expenses, contradicts the  
19 Commission's guidance on TY O&M forecasts in SP U-26-W, Cal Water did not remove  
20 these expenses from its forecast.<sup>116</sup> Including nonrecurring expenses in the average  
21 increases the forecast to account for expenses that Cal Water will not likely incur again.  
22 The purpose of this proceeding is to set rates for future expenses, not expenses that Cal

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<sup>112</sup> Two years of savings in 2027 and 2028 ( $\$800,000 * 2 = \$1,600,000$ ). Divided by the three year rate cycle ( $\$1,600,000 / 3 = \$533,333$ ). Increased to \$534,667 because of escalation.

<sup>113</sup> Attachment 2-9: Cal Water's Response to Cal Advocates Data Request CR8-007, Q.2.a.iii.

<sup>114</sup> Cal Water Testimony Book #1 at 72.

<sup>115</sup> Cal Water's Workpaper, File: "CH05\_OM\_FDR\_Other\_OM", tab: "SD\_Rec O&M".

<sup>116</sup> Standard Practice U-26-W at 2.

1 Water incurred in the past but is unlikely to incur again.<sup>117</sup> Table 2-10 contains the  
 2 nonrecurring expense entries recommended for removal.

3 **Table 2-10: Nonrecurring Source of Transmission and Distribution Expenses<sup>118</sup>**

District	Year	Account	Amount
Bakersfield	2019	Supervision and Engineer	\$3,577
Bakersfield	2019	Storage	\$21,362
Bakersfield	2019	Customer Installation	\$70,609
Dixon	2022	Operation Expenses	\$263
Dixon	2021	Equipment Rental	\$1,292
Dixon	2023	Equipment Rental	\$2,023
East LA	2020	Flushing Expenses	\$1,575
East LA	2020	Samples Taken	\$206
East LA	2019	Wages Reclaimed	\$312
East LA	2021	Wages Reclaimed	\$1,057
East LA	2022	Wages Reclaimed	\$356
Livermore	2019	Cross Connection	\$1,384
Livermore	2022	Cross Connection	\$94
Livermore	2023	Cross Connection	\$260
Livermore	2023	Wages Reclaimed	\$556
Livermore	2020	Operation Expenses	\$504
Livermore	2021	Operation Expenses	\$3,331
Livermore	2023	Contral Services	\$1,760
Palos Verdes	2020	Storage	\$8,140
Palos Verdes	2019	Flushing Expenses	\$103
Palos Verdes	2019	Cross Connection	\$474
Palos Verdes	2020	Cross Connection	\$35

<sup>117</sup> D. 07-05-062 at A-19.

<sup>118</sup> Cal Water's Workpaper, File: "Y\_CH05\_OM\_SD\_Rec OM Exp", tab: "SD\_Rec O&M".



District	Year	Account	Amount
Selma	2021	Samples Taken	\$1,301
Selma	2022	Samples Taken	\$63
Westlake	2020	Flushing Expenses	\$2,946
Westlake	2023	Flushing Expenses	\$2,590

1  
2           Additionally, several districts recorded years of expenses for certain transmission  
3 and distribution accounts with significantly higher totals compared to other annual totals.  
4 Cal Water provided its General Ledger (GL) at Cal Advocates’ request.<sup>119</sup> Certain GL  
5 entries did not have a recurring journal ID or reference number in the same year, while  
6 some entries had no reference number at all. The Commission should remove these  
7 entries from the account totals for the five-year average calculation since they are  
8 unlikely to occur again.<sup>120</sup> **Table 2-11** below contains the nonrecurring GL entries  
9 recommended for removal.

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<sup>119</sup> Attachment 2-10: Cal Water’s Response to Cal Advocates Data Request CR8-007 Attachment #4 - Question 4.

<sup>120</sup> D. 07-05-062 at A-19.



1 **Table 2-11: Nonrecurring Transmission and Distribution Expense GL Entries<sup>121</sup>**

District	Year	Account	Journal ID	Reference Number	Amount
Dixon	2020	Transmission and Distribution	AP00217161	01476749	\$9,293
Dixon	2020	Transmission and Distribution	AP00211090	01479339	\$7,216
East LA	2022	Transmission and Distribution	12	none	\$73,014
East LA	2022	Transmission and Distribution	AP00243482	01572820	\$975
Palos Verdes	2022	Miscellaneous	AP00210092	01475626	\$23,375
Palos Verdes	2022	Miscellaneous	AP00213159	01485411	\$21,125

2

3 Removing the expenses in **Table 2-10** and **Table 2-11** from the transmission and  
 4 distribution five-year average calculation reduces the TY forecast and saves ratepayers  
 5 \$64,553.

6 **G. Purchased Services – Customer Accounting**

7 Cal Water includes customer records maintenance, meter reading expenses, billing  
 8 expenses, telephone service, and other miscellaneous expenses related to customer  
 9 service in its purchased services for customer accounting (“customer accounting”)  
 10 account.<sup>122</sup> Cal Water proposes to use a five-year average plus adjustments. These  
 11 adjustments include: 1) savings from the adopted Hyperion upgrade and Enterprise  
 12 reporting; 2) savings from the ELA Water Quality Lab; 3) separately forecasted software

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<sup>121</sup> Attachment 2-10: Cal Water’s Response to Cal Advocates Data Request CR8-007 Attachment #4 - Question 4.

<sup>122</sup> Cal Water Testimony Book #1 at 73-74.

1 expenses; 4) expenses from inventorying customer service lines for lead; and 5) eight  
2 various CSS technology projects.<sup>123</sup>

3 Cal Water forecasts \$20,456,590 in TY customer accounting expenses. This  
4 represents the highest portion of nonproduction O&M expenses at 6% of the total TY  
5 forecast.

### 6 **1. Remove Nonrecurring Expenses from 5 Year** 7 **Average Cal Water**

8 Standard Practice U-26-W directs utilities to remove nonrecurring expenses from  
9 TY O&M forecasts to prevent this distortion.<sup>124</sup> Cal Water uses the five-year average of  
10 customer accounting expenses as the base for its TY forecast. From 2019-2023, Cal  
11 Water included nonrecurring expenses for several districts.<sup>125</sup> Including nonrecurring  
12 expenses in the average distorts the forecast. The purpose of this proceeding is to set  
13 rates for future expenses, not expenses that Cal Water incurred in the past but will likely  
14 not incur again.<sup>126</sup> Accordingly, the Commission should exclude nonrecurring expenses  
15 from Cal Water’s O&M forecast. **Attachment 2-11** contains the nonrecurring expense  
16 entries recommended for removal.

17 Removing recurring expenses reduces the TY customer accounting forecast and  
18 saves ratepayers \$67,444.

### 19 **2. AMI Expenses**

20 Cal Water forecasts expenses in customer accounting that result from its proposed  
21 AMI plan. Cal Advocates’ recommended changes to the AMI requests will result in  
22 changes to the amount of AMI savings included in the TY customer accounting forecast.

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<sup>123</sup> Cal Water Testimony Book #1 at 74-75.

<sup>124</sup> Standard Practice U-26-W at 2.

<sup>125</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M.”

<sup>126</sup> D. 07-05-062 at A-19.

1                   **3. Savings from Hyperion and Enterprise**

2                   Two previously approved Cal Water projects, the Hyperion upgrade (PID 100031)  
3 and the Enterprise Reporting and Analysis project (PID 99346), result in cost savings for  
4 Cal Water’s customer accounting.<sup>127</sup> The Commission approved and Cal Advocates  
5 supported these projects in Cal Water’s 2018 GRC, under the assumption of cost  
6 savings.<sup>128</sup> However, since discovery of this proceeding Cal Water is attempting to  
7 withhold the reductions to customer accounting costs under which these projects were  
8 approved.<sup>129</sup> Cal Water, in response to Cal Advocates’ discovery, claims the savings are  
9 already actualized in recorded customer accounting expenses.<sup>130</sup> Further, Cal Water is  
10 unable to provide the supporting analysis for these projects and their expense reductions  
11 under which the projects were initially approved.<sup>131</sup> In a competitive market, a company  
12 would not be able to retroactively reduce anticipated savings because a former employee  
13 is “no longer with Cal Water and unavailable to provide the support that was used.”<sup>132</sup>  
14 The Commission, as a substitute for competition,<sup>133</sup> should therefore not allow Cal Water  
15 to reduce the savings amount from its approved CSS projects.

16                   **4. Savings from ELA Water Quality Lab**

17                   As discussed in *Section E.4.* of this chapter, the Commission approved a water  
18 quality lab for Cal Water in its previous GRC.<sup>134</sup> When the Commission approved the  
19 lab, Cal Water stated the lab would reduce customer accounting expense by \$65,000.<sup>135</sup>

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<sup>127</sup> Cal Water Testimony Book #1 at 74.

<sup>128</sup> D.20-12-007, Attachment 11 at 6.

<sup>129</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.2.a.

<sup>130</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.2.a.

<sup>131</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.2.b.

<sup>132</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.2.b.

<sup>133</sup> D.86-08-083.

<sup>134</sup> Cal Water Testimony Book #1 at 71.

<sup>135</sup> A.21-07-002, General Report at 55-56.

1 Cal Water now admits that the \$65,000 is actually an expense, not a savings.<sup>136</sup> This is a  
2 major error, as the \$65,000 annual savings in customer accounting was used by the  
3 Commission to approve the water quality lab. Cal Water is attempting to retroactively  
4 remove those savings, and thus the benefit to ratepayers, while keeping the lab in its rate  
5 base calculations, which further increases customer rates. Removal of the cost savings  
6 now would be unjust to ratepayers, who should not be harmed for Cal Water’s accounting  
7 mistake. The Commission should maintain the \$65,000 in annual savings for customer  
8 accounting.

### 9 **5. Software Expenses**

10 Cal Water proposes a three-year average of its software expenses, which differs  
11 from the five-year average that it uses for all other customer accounting expenses.<sup>137</sup> A  
12 three-year average results in a \$391,065 increase for Cal Water’s TY forecast. Cal Water  
13 provides no evidence that years 2018 and 2019 are atypical or would not be appropriate  
14 indicators of future software expenses. The only argument Cal Water provides for the  
15 almost \$400,000 increase is that “years 2021-2023 are reflective of anticipated software  
16 expenses for the GRC cycle.”<sup>138</sup> This unsupported attempt to pick specific expenses in  
17 customer accounting and inflate costs by not including prior years in the average  
18 calculation contributes to this significant increases. For consistency with Cal Water’s  
19 customer accounting account and with no evidence to suggest it will not produce an  
20 accurate forecast, the Commission should adopt a five-year average forecast for software  
21 expenses saving ratepayers \$391,065 in the TY.

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<sup>136</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.3.a.

<sup>137</sup> Cal Water Testimony Book #1 at 74-75.

<sup>138</sup> Cal Water Testimony Book #1 at 75.

1                   **6. Computer Upgrades**

2                   Cal Water proposes eight different computer upgrades for CSS, resulting in an  
3 additional \$1,354,000 for TY customer accounting expenses.<sup>139</sup> The Commission should  
4 adopt the recommendations below, which decrease the costs associated with the upgrades  
5 to \$354,367.

6                   CAD Licenses

7                   Cal Water requests \$198,000 per year for Computer-Aided Design (CAD)  
8 software licenses for its existing engineers.<sup>140</sup> The average cost per license is \$855.36  
9 annually.<sup>141</sup> Cal Water claims the number of CAD licenses it expects to renew is 109,  
10 with no plans for additional licenses.<sup>142</sup> These numbers do not align with Cal Water’s  
11 forecast of \$198,000. Based on 109 licenses at an average cost of \$855.36, the forecast  
12 for CAD licenses should be \$93,234 per year. In addition, Cal Water only provided logs  
13 for 81 users.<sup>143</sup> At \$855.36 per license, 81 licenses decreases the CAD licenses forecast  
14 to \$69,284 per year. The Commission should adopt this forecast, which reduces the  
15 projected costs by \$128,715.

16                   Twin Digital Data Analytics

17                   Cal Water requests \$200,000 per year to implement the Digital Twin data  
18 analytics system across Cal Water’s treatment plants.<sup>144</sup> During discovery, Cal Water  
19 admitted they inadvertently overestimated the cost by \$120,000.<sup>145</sup> Therefore, the  
20 Commission should therefore adopt the correct forecast of \$80,000 per year for the  
21 Digital Twin data analytics.

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<sup>139</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Other\_OM”, tab: “SD\_Misc Adjustments”.

<sup>140</sup> Cal Water Testimony Book #1 at 75.

<sup>141</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.6.a.iii.

<sup>142</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.6.a.iv.

<sup>143</sup> Attachment 2-13: Cal Water’s Response to Cal Advocates Data Request CR8-008, Attachment #4 - Question 6.a.ii. Eighty-six use logs were provided, but 5 entries were duplicates based on user names.

<sup>144</sup> Cal Water Testimony Book #1 at 75.

<sup>145</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.6.e.iv.

1           Virtual Reality (VR) Technology

2           Cal Water requests \$18,000 per year for VR technology to support employee  
3 retention. The VR is supposedly for safety training; however, Cal Water already  
4 implements and incurs expenses for in-person training for employees.<sup>146</sup> Cal Water also  
5 includes these expenses, so they are captured in the five-year average forecast for  
6 customer accounting in addition to the newly proposed VR expenses. Cal Water does not  
7 provide any rationale or evidence that its current safety training needs improvement. In  
8 addition, this \$18,000 expense will likely lead to additional expenses and costs to  
9 ratepayers, since Cal Water is *starting* with just 51-100 users, which implies they will add  
10 more users in the future.<sup>147</sup> The Commission should not allow Cal Water to impose any  
11 burden on ratepayers for VR technology, because there is no proof to suggest that it is  
12 necessary to provide safe and affordable water or to train Cal Water’s employees.

13           Replace Mitel Phone System

14           Cal Water requests \$330,000 per year to implement a cloud system with an annual  
15 licensing subscription fee to replace its Mitel Phone system.<sup>148</sup> Cal Water inadvertently  
16 excluded from its forecast the reduction in expenses the cloud system would provide.<sup>149</sup>  
17 The cloud system would save Cal Water \$84,006<sup>150</sup> and \$25,000<sup>151</sup> in expenses,  
18 annually. The Commission should therefore decrease the cost of the cloud system from  
19 \$330,000 to \$220,994 for TY addition to customer accounting.

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<sup>146</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.6.f.i and f.iii.

<sup>147</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.6.f.iii.

<sup>148</sup> Cal Water Testimony Book #1 at 75.

<sup>149</sup> Attachment 2-12: Cal Water’s Response to Cal Advocates Data Request CR8-008, Q.6.g.ii.

<sup>150</sup> Attachment 2-14: Cal Water’s Response to Cal Advocates Data Request CR8-008, Attachment 7-Q.6.g.ii.

<sup>151</sup> Attachment 2-15: Cal Water’s Response to Cal Advocates Data Request CR8-008, Attachment 8-Q.6.g.ii.

1            Service Desk Upgrade

2            Cal Water requests \$280,000 per year for a service desk upgrade cloud license  
3 fee.<sup>152</sup> Cal Water provided an invoice from 2023 to support this request, though the  
4 invoice shows a total of only \$141,460 in expenses. Additionally, Cal Water states the  
5 fee is a one-time expense during its first year. Therefore, the Commission should  
6 amortize the \$141,460 over three years, reducing the TY forecast for the service desk  
7 upgrade to \$47,153.<sup>153</sup>

8            The Commission should adopt the above reductions to Cal Water’s various  
9 customer account expense additions and removal of nonrecurring expenses which results  
10 in a TY forecast of \$19,367,846.

11           **H. Contracted Maintenance**

12           Cal Water forecasts TY expenses for its contracted maintenance using the five-  
13 year average plus the amortization of tank painting and well rehabilitation projects.<sup>154</sup>

14                    **1. Remove Nonrecurring Expenses from Five-Year**  
15                                    **Average**

16            Standard Practice U-26-W directs utilities to remove nonrecurring expenses from  
17 TY O&M forecasts to prevent this distortion.<sup>155</sup> Cal Water uses the five-year average of  
18 contracted maintenance as the base for its TY contracted maintenance forecast. From  
19 2019-2023, Cal Water included nonrecurring expenses for several districts.<sup>156</sup> Including  
20 nonrecurring expenses in the average increases the forecast. The purpose of this  
21 proceeding is to set rates for future expenses, not expenses that Cal Water incurred in the  
22 past but will likely not incur again.<sup>157</sup> Accordingly, the Commission should exclude

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<sup>152</sup> Cal Water Testimony Book #1 at 75.

<sup>153</sup> Attachment 2-16: Cal Water’s Response to Cal Advocates Data Request CR8-008, Attachment 9-Q.6.h.ii.

<sup>154</sup> Cal Water Testimony Book #1 at 78.

<sup>155</sup> Standard Practice U-26-W at 2.

<sup>156</sup> Cal Water’s Workpaper, File: “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab: “SD\_Rec O&M.”

<sup>157</sup> D. 07-05-062 at A-19.

1 nonrecurring expenses from Cal Water’s O&M forecast **Attachment 2-17** contains the  
2 nonrecurring expense entries recommended for removal.

3 **2. Tank Painting and Well Rehabilitation Expenses**  
4 **Associated with Rejected Projects**

5 Cal Water adds the amortization of contracted expenses associated with tank  
6 painting and well rehabilitation projects.<sup>158</sup> **Table 2-12** below shows the amortization  
7 totals Cal Water is requesting to add to its contracted maintenance forecast.

8 **Table 2-12: Contracted Maintenance Expenses from Tank Painting**  
9 **and Well Rehabilitation**

	2024	2025	2026	2027	TOTAL
Tank Painting <sup>159</sup>	\$4,079,486	\$3,735,595	\$3,329,644	\$3,061,494	\$14,206,219
Well Rehab. <sup>160</sup>	\$106,467	\$106,467	\$106,467	\$93,834	\$413,234
TOTAL	\$4,185,953	\$3,842,062	\$3,436,111	\$3,155,328	\$14,619,453

10

11 The Commission should remove the portions of the above tank painting and well  
12 rehabilitation contracted maintenance expenses that are associated with projects that Cal  
13 Advocates recommends be rejected for funding.<sup>161</sup>

14 The Commission should adopt a TY contracted maintained expense forecast that  
15 uses nonrecurring expenses from the historic average calculation and removes the  
16 resulting associated expenses from rejected capital projects. Removing nonrecurring  
17 expenses from the average calculation saves ratepayers \$43,207 for TY contracted  
18 maintenance expenses. This reduction, plus the change from removing the above-  
19 mentioned contracted maintenance costs associated with rejected funding for capital  
20 projects is the final TY recommendation.

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<sup>158</sup> Cal Water Testimony Book #1 at 78.

<sup>159</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Other\_OM”, tab: “IN\_Proj Tank Painting Exp”.

<sup>160</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Other\_OM”, tab: “IN\_Well Rehab Adj”.

<sup>161</sup> Report on Common Plant Well Renewal Program and Tank Improvement Program.



1           **I.       Uncollectibles**

2           Uncollectibles are outstanding balances that Cal Water determines cannot be  
3 collected from customers. Cal Water’s forecast methodology for uncollectibles is a two-  
4 year average from 2022-2023. This method over-forecasts the number of uncollectible  
5 balances and unfairly shifts the burden to ratepayer bills.

6                   **1.       Excluding Uncollectibles for 2020 and 2021 is**  
7                   **Correct**

8           Cal Water correctly excludes the years 2020 and 2021 in its forecast.<sup>162</sup> On March  
9 17, 2020 California utilities were instructed to implement a moratorium on disconnection  
10 and late payment fees due to the pandemic.<sup>163</sup> This protection was in place through  
11 January 2022.<sup>164</sup> A protection against arrearages may have affected the number of  
12 uncollectibles, as demonstrated in Cal Water’s workpapers.<sup>165</sup> Additionally, State  
13 funding was applied in 2021 to offset unpaid accounts during the pandemic.<sup>166</sup> Including  
14 2020 and 2021 could skew the results of the forecast because of the atypical number of  
15 uncollectibles.

16                   **2.       Forecast Should Include 2018 and 2019**

17           Cal Water also excludes years prior to 2020 in its average calculation without  
18 providing a reason.<sup>167</sup> The default method for forecasting Cal Water’s uncollectibles is a  
19 five-year average, which would include 2018 and 2019 for this GRC.<sup>168</sup> While removing

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<sup>162</sup> Cal Water Testimony Book #1 at 64.

<sup>163</sup> Attachment 2-18: Letter of CPUC Executive Director Alice Stebbins directing utilities to implement customer protections.

<sup>164</sup> Attachment 2-19: Letter of the Office of the Attorney General.

<sup>165</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Escal\_Synergy\_Uncollectibles”, Tab: “Uncollectible % WS-1”.

<sup>166</sup> Cal Water Testimony Book #1 at 64.

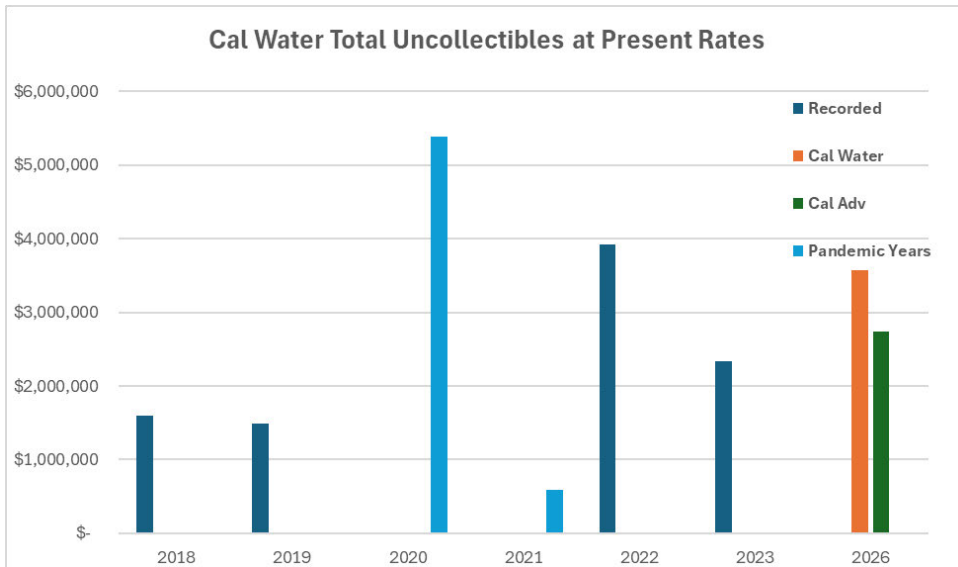
<sup>167</sup> Cal Water Testimony Book #1 at 64.

<sup>168</sup> Cal Water Testimony Book #1 at 64.

1 years during customer protections is valid, 2018 and 2019 have no outstanding events  
2 that increased uncollectibles to an abnormal level.

3 From 2022 to 2023, Cal Water experienced a \$1,589,224 decrease in  
4 uncollectibles.<sup>169</sup> However, Cal Water forecasts an increase from 2023 for its  
5 uncollectible TY expenses.<sup>170</sup> **Figure 2-2** below compares the trend of uncollectibles  
6 from 2018-2023.

7 **Figure 2-2: Recorded Uncollectibles and Forecasted TY Uncollectibles**



8  
9  
10 The above figure shows that Cal Water’s 2022 and 2023 uncollectibles have still  
11 not decreased to pre-pandemic levels, though there is a decreasing trend after 2020.<sup>171</sup>

12 Excluding 2018 and 2019 does not account for the lower pre-pandemic amounts of  
13 uncollectibles that the uncollectibles total is trending toward. With customer protections  
14 to account for the pandemic no longer in place, uncollectibles are likely to continue  
15 decreasing. Therefore, by excluding 2018 and 2019 from its calculations, so Cal Waters

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<sup>169</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Escal\_Synergy\_Uncollectibles”, Tab: “Uncollectible % WS-1”.

<sup>170</sup> Cal Water’s Workpaper, File: “CH05\_OM\_FDR\_Escal\_Synergy\_Uncollectibles”, Tab: “Projected Uncollectible WS-2”.

<sup>171</sup> As mentioned, Cal Water applied State funding to 2021 uncollectibles to reduce the annual total.

1 over-forecasts. **Table 2-13** below compares Cal Water’s proposed TY uncollectibles at  
 2 present rates with the recommended forecast.

3 **Tables 2-13: Cal Water’s and Cal Advocates Uncollectible TY**  
 4 **Forecast at Present Rates**

<b>District</b>	<b>Cal Water’s Proposed</b>	<b>Cal Advocates Recommended</b>	<b>Difference</b>
Antelope Valley	\$30,173	\$32,044	-\$1,871
Bakersfield	\$1,092,876	\$866,878	\$225,998
Bayshore	\$124,750	\$88,622	\$36,128
Bear Gulch	\$32,623	\$33,819	-\$1,196
Chico	\$120,074	\$90,675	\$29,399
Dixon	\$4,023	\$7,248	-\$3,224
Dominguez	\$249,994	\$164,046	\$85,948
East Los Angeles	\$166,508	\$119,155	\$47,353
Hermosa Redondo	\$28,715	\$28,547	\$168
Kern River Valley	\$297,136	\$213,339	\$83,797
King City	\$21,070	\$16,248	\$4,822
Livermore	\$23,526	\$21,824	\$1,702
Los Altos	\$4,459	\$7,145	-\$2,686
Marysville	\$44,288	\$29,915	\$14,373
Oroville	\$67,543	\$40,325	\$27,218
Palos Verdes	\$39,001	\$45,088	-\$6,088
Salinas	\$120,648	\$86,135	\$34,514
Selma	\$41,328	\$32,409	\$8,919
Stockton	\$833,101	\$620,836	\$212,266
Visalia	\$185,382	\$138,628	\$46,753
Westlake	\$5,265	\$13,725	-\$8,460
Willows	\$16,535	\$17,446	-\$911

District	Cal Water's Proposed	Cal Advocates Recommended	Difference
Coast Springs	\$(202)	\$(65)	-\$137
Lucerne	\$25,683	\$24,832	\$852
Unified Area	\$1,722	\$4,680	-\$2,958
TOTAL	\$3,576,222	\$2,743,543	\$832,679

1  
2 Including 2018 and 2019 uncollectibles saves ratepayers \$832,679 in  
3 uncollectibles at present Cal Water rates. A comparison of Cal Water's proposed and Cal  
4 Advocates' recommended uncollectible rates used to arrive at the above amounts are  
5 included in **Attachment 2-20** of this report.

6 **IV. CONCLUSION**

7 Cal Water's proposed TY O&M forecasts overestimates the utility's expenses.  
8 This overestimation results in a burden on ratepayers for expenses which Cal Water will  
9 likely never incur. **Table 2-14** below compares Cal Water's total production expense  
10 forecast with Cal Advocates' recommended forecast.

11 **Table 2-14: Cal Water and Advocates Total O&M TY Expense Forecast**

O&M Expense Account	Cal Water's Proposed	Cal Adv's Recommend	Difference
Transportation	\$8,755,620	\$7,737,584	\$1,018,035
Postage	\$1,901,136	\$1,857,929	\$43,207
Source of Supply	\$1,481,812	\$1,008,316	\$473,496
Pumping <sup>172</sup>	\$2,448,612	\$2,383,340	\$65,272
Water Treatment <sup>173</sup>	\$9,279,419	\$8,802,420	\$476,999

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<sup>172</sup> This comparison does not take into account any changes that may result from recommendations to the savings from Cal Water's requested AMI.

<sup>173</sup> This comparison does not take into account any changes that may result from recommendations to the expenses from Cal Water's requested AMI.

O&M Expense Account	Cal Water's Proposed	Cal Adv's Recommend	Difference
Transmission and Distribution	\$7,317,100	\$7,252,547	\$64,553
Customer Accounting <sup>174</sup>	\$20,456,590	\$19,367,846	\$1,088,744
Maintenance – Stores	\$1,410,730	\$1,410,730	\$0
Contracted Maintenance <sup>175</sup>	\$15,194,833	\$15,058,929	\$135,903
Uncollectibles	\$3,576,222	\$2,743,543	\$832,679
TOTAL	\$71,822,075	\$67,623,184	\$4,198,888

1  
2           The Commission should adopt all of Cal Advocates' recommended changes to Cal  
3 Water's proposed O&M forecasts. These recommended changes result in \$6,351,237 in  
4 savings for ratepayers.  
5

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<sup>174</sup> This comparison does not take into account any changes that may result from recommendations to the expenses from Cal Water's requested AMI.

<sup>175</sup> This comparison does not take into account any changes that may result from tank painting and well rehabilitation recommendations.

## LIST OF ATTACHMENTS FOR CHAPTER 2

	<b>Attachment #</b>	<b>Description</b>
1	Attachment 2-1	Cal Water's Response to Cal Advocates Data Request CR8-010; and CR8-010 Attachment #1 - Question 1.b.
2	Attachment 2-2	Cal Water's Final Response to Data Request CR8-004, and Attachment #1 - Question 1a.
3	Attachment 2-3	Cal Water's Response to Cal Advocates Data Request CR8-005, and Attachment 2- Question 1.b.
4	Attachment 2-4	Cal Water's Response to Cal Advocates Data Request CR8-006, and Attachment 1 - Question 1.
5	Attachment 2-5 <b>CONFIDENTIAL</b>	CONFIDENTIAL Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #4 - Question 2c
6	Attachment 2-6 <b>CONFIDENTIAL</b>	CONFIDENTIAL Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #5 - Question 2d
7	Attachment 2-7 <b>CONFIDENTIAL</b>	CONFIDENTIAL Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #6 - Question 2e
8	Attachment 2-8	Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #2 - Question 3
9	Attachment 2-9	Cal Water's Response to Cal Advocates Data Request CR8-007, and Attachment #1 - Question 1.
10	Attachment 2-10	Cal Water's Response to Cal Advocates Data Request CR8-007 Attachment #4 - Question 4
11	Attachment 2-11	Customer Accounting Non-Recurring Expenses for Removal
12	Attachment 2-12	Cal Water's Response to Cal Advocates Data Request CR8-008
13	Attachment 2-13	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #4 - Question 6.a.ii
14	Attachment 2-14	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #7 - Question 6.g.ii

	<b>Attachment #</b>	<b>Description</b>
15	Attachment 2-15	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #8 - Question 6.g.ii
16	Attachment 2-16	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #9 - Question 6.h.ii
17	Attachment 2-17	Contracted Maintenance Non-Recurring Expenses for Removal
18	Attachment 2-18	Exec Director Letter to Water Companies re COVID19 March 17 2020
19	Attachment 2-19	Attorney General Letter
20	Attachment 2-20	Uncollectible Rates

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1 **CHAPTER 3 SPECIAL REQUEST #3**

2 **I. INTRODUCTION**

3 This Chapter presents Cal Advocates’ analysis and recommendations for Cal  
4 Water’s Special Request (SR) #3: to establish a decoupling program. The program  
5 consists of 1) a Safe Infrastructure Balancing Account (SIBA); 2) a Supply Cost  
6 Balancing Account (SCBA); and 3) reinstatement of the Sales Reconciliation Mechanism  
7 (SRM).<sup>176</sup> This decoupling mechanism that Cal Water presents as a conservation  
8 program provides no conservation or any other ratepayer benefits.

9 Cal Water’s proposed decoupling program is substantially like other full  
10 decoupling mechanisms, generally known as Water Revenue Adjustment Mechanisms  
11 (WRAM), which the Commission has rejected.<sup>177</sup> Like WRAM, Cal Water’s program  
12 would increase ratepayer bills by an extraordinary amount without transparency and  
13 outside of the GRC rate setting procedure. Cal Water’s program also transfers the risk of  
14 forecasting quantity revenues from the utility to the ratepayer.<sup>178</sup>

15 **II. SUMMARY OF RECOMMENDATIONS**

16 The Commission should adopt the following recommendations for Cal Water’s  
17 SR #3:

- 18 • Deny Cal Water’s request to establish the SIBA.
- 19 • Deny Cal Water’s request to establish the SCBA.
- 20 • Deny Cal Water’s request to reinstate the SRM.
- 21 • Allow implementation of the Monterey-WRAM (M-WRAM), renamed as  
22 the Conservation Pricing Adjustment Mechanism (CPAM).

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<sup>176</sup> A.24-07-003, Cal Water 2024 GRC Application at 13 (July 8, 2024).

<sup>177</sup> See D.24-12-05 at 59, OP 4 (rejecting request by California American Water Company (Cal Am) for a full decoupling mechanism).

<sup>178</sup> D.24-12-05 at 56, Finding of Fact (FOF) 35 (finding that Cal Am’s WRAM reallocated forecasting risk between investors and ratepayers).



1           These recommendations serve to protect ratepayers from the negative effects of  
2 full decoupling WRAM.

3 **III. ANALYSIS**

4           Cal Water’s proposed SIBA operates almost identically to the WRAM.<sup>179</sup> The  
5 only difference is that the SIBA would recover the difference in quantity revenues by  
6 adjusting base rates, instead of applying surcharges to customers’ bills.<sup>180</sup> The SRM Cal  
7 Water proposes remains unchanged from its initial form and serves the same purpose of  
8 reducing high WRAM, or in this case SIBA, balances by automatically adjusting the  
9 sales forecast up or down depending on certain conditions.<sup>181 182</sup>

10 **A. WRAM**

11           The Commission adopted WRAM as a pilot program, originally intended to  
12 address concerns that water utilities have a financial disincentive to promote water  
13 conservation.<sup>183</sup> WRAM allowed utilities to recover the difference between adopted (i.e.,  
14 forecasted) and actual quantity revenues via surcharges on customer bills, without regard  
15 to the reason(s) for decreased sales.<sup>184</sup> The pilot program involved a natural experiment  
16 in which five of the nine Class A water Investor-Owned Utilities (IOUs) implemented a  
17 full decoupling WRAM and the other four implemented a conservation-targeted  
18 mechanism called M-WRAM. The M-WRAM allows the utility to recover the revenue  
19 difference between what it actually recovered under a conservation rate design, such as

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<sup>179</sup> For the sake of this report, the SIBA and SCBA will be collectively referred to as the SIBA.

<sup>180</sup> Cal Water Testimony Book #2 at 47.

<sup>181</sup> Cal Water Testimony Book #2 at 52. The SRM adjusts the adopted sales forecast for escalation years if recorded aggregate sales for the past year are more than 5% different (higher or lower) than adopted sales.

<sup>182</sup> D.16-12-026, OP 4 at 84-85 (directing adoption of SRMs or alternative mechanisms to reduce high WRAM balances).

<sup>183</sup> Cal Water Testimony Book #2 at 67.

<sup>184</sup> D.24-12-025 at 42 (stating that the proposed decoupling mechanism shields utility “from any failure of consumption to meet projections, not just those reductions in consumption attributable to conservation”).

1 tiered rate structure, and what it would have recovered under a single quantity rate.<sup>185</sup> In  
2 a period of over ten years, the natural experiment demonstrated that decreases in water  
3 use between the WRAM and M-WRAM utilities were roughly identical, but the negative  
4 impact of WRAM on ratepayer bills was substantially greater.<sup>186</sup>

5 **1. The Commission Has Repeatedly Found that**  
6 **WRAM’s Negative Impact on Ratepayers**  
7 **Outweighs its Inconclusive Conservation Benefits.**

8 The Commission has previously determined that WRAM does not produce  
9 conservation results sufficient to justify its negative ratepayer impacts.<sup>187</sup> WRAM  
10 ultimately proved to be “at best a minor factor in conservation efforts” when the  
11 Commission compared the consumption data for utilities with a WRAM versus an M-  
12 WRAM.<sup>188</sup> Even Cal Water acknowledges that it cannot “solely” attribute conservation  
13 results over the past 15 years to WRAM, stating “[clearly], there have been other  
14 factors...that have influenced customer water usage.”<sup>189</sup> WRAM produced hundreds of  
15 millions of dollars in additional revenue and profit for utilities while it operated, while

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<sup>185</sup> D.24-12-025 at 42 (stating that “M-WRAM tracks the difference between revenue achieved under a tiered rate structure designed to promote conservation and a structure without the conservation-promoting tiers”).

<sup>186</sup> D.24-12-025 at 43. The Commission found that “[balancing] the limited record of WRAM’s impact upon conservation against our intergenerational transfer and risk transfer concerns, we find that the benefits of the proposed [full decoupling program] do not sufficiently outweigh its harm.”

<sup>187</sup> See D.24-12-025 at 41 (stating that “WRSP/WRAM inequitably reallocates risk between the utility’s shareholders and its ratepayers”); D.20-08-047 at 102, FOF 11 (finding that “[while] the WRAM/MCBA was adopted to encourage conservation, the application of this ratemaking mechanism has led to substantial under-collections and subsequent increases in quantity rates”). The California Supreme Court set aside the Commission’s order prohibiting WRAM in *Golden State Water Co. v. Public Utilities Com.* (2024), 16 Cal. 5th 380 solely on procedural grounds (16 Cal. 5th 380, 382 and 389). The issue before the Court was whether the Commission had adequately notified the utilities that elimination of WRAM was within the scope of the rulemaking proceeding (at 395-396). The Court in *Golden State* did not address the merits of WRAM or the Commission’s analysis of WRAM’s impact on ratepayers. See Attachment 3-2.

<sup>188</sup> D.24-12-025 at 42; see also Rulemaking (R.) 17-06-024, *Reply Comments of the Public Advocates Office on the Water Division’s Staff Report and Response to Additional Questions* at 6-8 (September 23, 2019).; D.20-08-047, Finding of Fact (FOF) [x] at 102.

<sup>189</sup> Cal Water Testimony Book # 2 at 72:2-4.

1 the M-WRAM produced significantly less.<sup>190</sup> These millions in revenue are a result of  
2 the WRAM protecting Cal Water from the risk of properly forecasting for sales. As a  
3 substitute for competition,<sup>191</sup> the Commission should not allow the transfer of such risk  
4 from the utility to the ratepayer.

5 The Commission should only allow the M-WRAM, not the original WRAM. The  
6 Commission should also consider renaming M-WRAM to the Conservation Adjustment  
7 for Rate Tiers (CART) to correctly reflect the purpose of the mechanism and to remove  
8 the misleading association with Monterey, California.<sup>192</sup>

9 **2. Cal Water’s Proposed SIBA Base Rate**  
10 **Adjustments Will Impact Customer Bills Similarly**  
11 **to WRAM**

12 The main distinction between the WRAM and Cal Water’s proposed SIBA is that  
13 the WRAM accumulated a balance for recovery via surcharges, while the SIBA changes  
14 base rates.<sup>193</sup> This distinction does not benefit ratepayers or the utility. Despite this  
15 difference in how rates are adjusted, the WRAM and SIBA mechanisms both lack  
16 transparency and allow rate increases outside of the GRC process. Cal Water’s proposed  
17 SIBA therefore poses the same issues for ratepayers as WRAM.

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<sup>190</sup> Annual Reports of all Class A Water Utilities, Schedule E (2009 to 2022).

<sup>191</sup> See D.24-12-007 at 14 (stating that “[in] a closely regulated market, regulation substitutes for competition and the regulator, acting as a substitute for the market, provides investors an opportunity to earn a fair and reasonable return for accepting the degree of risk presented by the regulated business”).

<sup>192</sup> Although the M-WRAM has not operated in Monterey, California, for more than a dozen years, it is currently the decoupling mechanism utilized by Class A water utilities operating in San Jose, Fontana, Rancho Cucamonga, Rialto, El Monte, Covina, West Covina, La Puente, Glendora, Whittier, Sativa, City of Industry, Pico Rivera, Arcadia, Irwindale, and other portions of Los Angeles, Orange, and San Bernadino Counties.

<sup>193</sup> Cal Water Testimony Book # 2 at 34.

1                   **3. Cal Water’s SIBA Proposal Will Increase**  
 2                   **Customer Base Rates while Cal Water Continues to**  
 3                   **Recover Under-Collected WRAM Balances via**  
 4                   **Surcharges.**

5                   Cal Water has historically under collected WRAM balances, which result in  
 6 surcharges for ratepayers. **Table 3-1 shows** Cal Water’s end-of-year under collected  
 7 WRAM balances through 2022.

8                   **Table 3-1: Total WRAM End of Year Balance<sup>194</sup>**

Year	WRAM/MCBA Balance
2008	\$2,029,221
2009	\$11,950,994
2010	\$18,465,627
2011	\$20,410,172
2012	\$45,746,000
2013	\$44,532,000
2014	\$45,167,000
2015	\$40,491,000
2016	\$37,131,000
2017	\$69,127,000
2018	\$56,144,000
2019	\$62,586,000
2020	\$67,829,000
2021	\$72,824,000
2022	\$104,729,000

9

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<sup>194</sup> Cal Water Annual Reports Schedule E-1 for 2012-2022, Schedule B-1 for 2008-2011.

1           The above table shows Cal Water consistently recorded a total under-collection  
2 company-wide, resulting in a year-end 2022 balance of over \$100,000,000. Cal Water  
3 will continue to recover the outstanding WRAM balance through surcharges on ratepayer  
4 bills, including low income and low water users. Cal Water’s proposed SIBA decoupling  
5 program, while not recovering via surcharges, would enable Cal Water to increase  
6 quantity rates annually by the amount necessary to recover any under-collected balance  
7 over a 12-month period.<sup>195</sup> Even with this annual rate adjustment, Cal Water  
8 contemplates that balances not fully amortized over 12 months will roll over into the next  
9 year’s balance to be added to base rates.<sup>196</sup>

10           Despite Cal Water’s claim that recovery of SIBA is a kinder, gentler version of  
11 WRAM,<sup>197</sup> or that recovery of balances will have less impact on low-income or lower use  
12 customers than WRAM surcharges, there appears to be no cap on the amount of a  
13 potential rate increase under the SIBA decoupling proposal.<sup>198</sup> Further, SIBA, like  
14 WRAM, still shifts all sales forecasting risk from the utility’s shareholders to its  
15 customers and is completely indifferent to the reasons for sales shortfalls—be they  
16 conservation-related, forecasting error, economic downturn, or other reasons.<sup>199</sup> Cal  
17 Water’s SIBA proposal is a full decoupling mechanism that guarantees revenue recovery  
18 without regard to conservation. Thus, Cal Water’s SIBA decoupling proposal has as  
19 much if not more potential negative impact on ratepayer bills as the WRAM did.

20           The Commission must consider utilities’ requests for a full decoupling program  
21 under Public Utilities Code section 727.5(d)(2)(A), but the Commission has an

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<sup>195</sup> Cal Water Testimony Book #3 at 47-48.

<sup>196</sup> Cal Water Testimony Book #3 at 48:7-9 (stating that “[any] unamortized [SIBA/SCBA] balance from a prior period will automatically rollover as the beginning balance for the subsequent period”).

<sup>197</sup> Cal Water Testimony Book #3 at 28.

<sup>198</sup> Cal Water Testimony Book #3 at 48:8-9 (stating that “Cal Water proposes to amortize any Net SIBA/SCBA balance regardless of the results of the earnings test”).

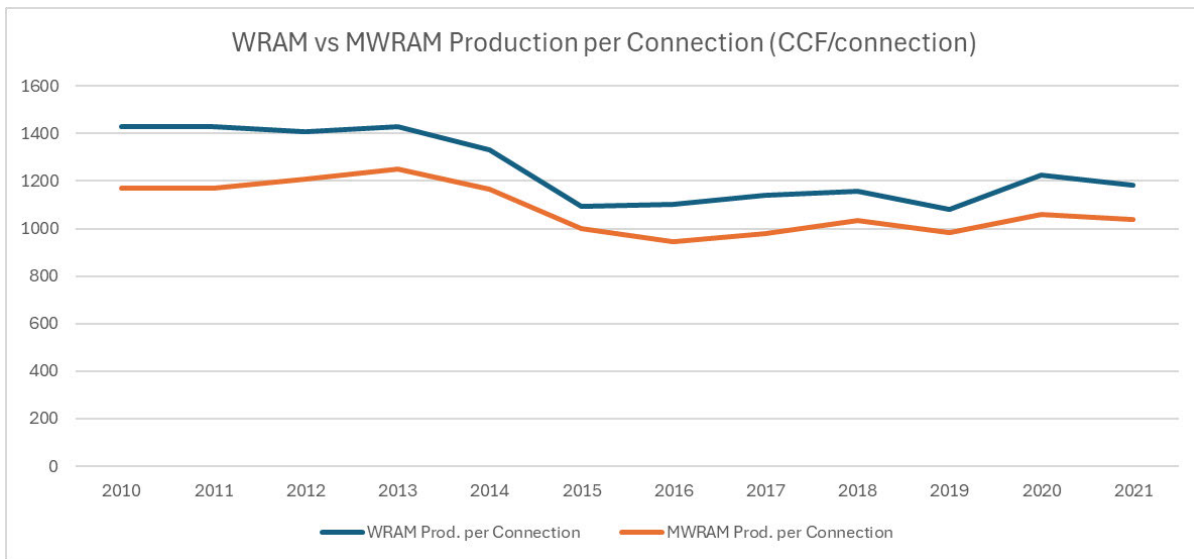
<sup>199</sup> D.24-12-025 at 42 (stating that “WRAM is tailored to protect revenue, on the theory that with revenue secure water utilities will make greater efforts to promote conservation. It is not narrowly tailored to address only declining revenue attributable to conservation”).

1 overarching duty to ensure that rates are just and reasonable. Further, the Commission  
2 must act as a substitute for competition.<sup>200</sup> In a competitive market, a business would be  
3 unable to guarantee its revenue forecast by billing customers for the difference between  
4 actual sales and authorized (forecasted) revenue. retroactively recover revenue from  
5 customers. Therefore, to carry out its role as a substitute for competition and to prevent  
6 further unreasonable impacts on customer bills, the Commission should reject Cal  
7 Water’s request for the revenue decoupling mechanism.

8 **4. WRAM vs. M-WRAM**

9 The WRAM pilot program provided years of water production data for Class A  
10 IOUs with and without the mechanism in place. **Figure 3-2** compares the production per  
11 connection of WRAM and M-WRAM for Class A water utilities. Not only do WRAM  
12 utilities produce more water per connection, but the patterns are very similar to those of  
13 the M-WRAM.

14 **Figure 3-1: Comparison of Production between WRAM and M-WRAM<sup>201</sup>**



15

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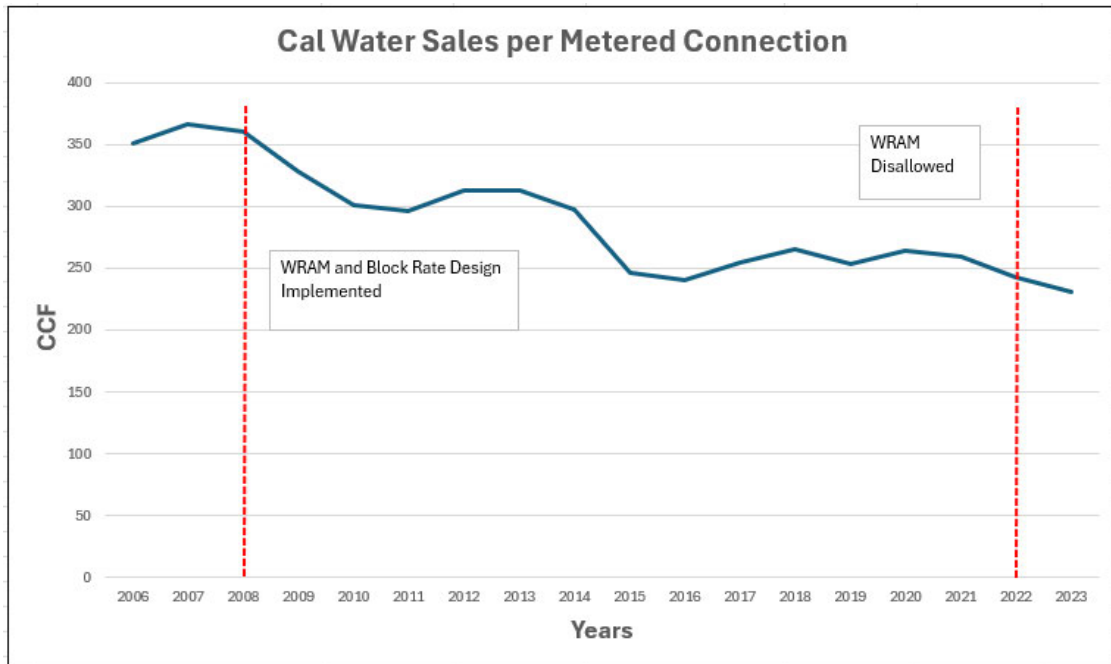
<sup>200</sup> See D.24-12-007 at 14 (stating that “[in] a closely regulated market, regulation substitutes for competition and the regulator, acting as a substitute for the market, provides investors an opportunity to earn a fair and reasonable return for accepting the degree of risk presented by the regulated business”).

<sup>201</sup> Annual Reports of Class A Water Utilities, Schedule D-1 and Schedule D-4. Years 2008 and 2009 were unavailable due to discrepancies in those annual reports for several of the Class As; Attachment 3-1, Workpapers - WRAM vs MWRAM.

1                   **5. Pre and Post WRAM Cal Water Sales (2023**  
2                   **especially)**

3                   While a comparison across all nine Class A IOUs’ production data provides  
4 evidence of how the M-WRAM is just as effective at water conservation, a look at Cal  
5 Water’s sales data shows just how little WRAM had on water sales. **Figure 3-2** below  
6 presents Cal Water’s sales per connection from 2006 to 2023.

7                   **Figure 3-2: Pre and Post WRAM Cal Water Sales<sup>202</sup>**



8  
9  
10                  Cal Water began to track WRAM balances in 2008.<sup>203</sup> Cal Water provides no  
11 evidence that the decrease in sales would not have existed without the WRAM. Cal  
12 Water acknowledges that other factors may have contributed to the decreases in sales.<sup>204</sup>

13                  One potential example of these other factors is Cal Water’s increasing block rate  
14 structure, which provides price signaling to ratepayers to encourage conservation. Cal

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<sup>202</sup> Cal Water Annual Reports, Schedules D-7 and D-4 Sales data for 2017-2020 obtained from previous Cal Water Results of Operation Model; Attachment 3-2, Workpapers - Sales Per Metered Connection.

<sup>203</sup> D.08-02-036, OP 3 at 56.

<sup>204</sup> Cal Water Testimony Book #3 at 74.

1 Water implemented its first iteration of the increasing block rate structure in 2008.<sup>205</sup> Cal  
2 Water provides no analysis that isolates the effect of its block rate versus the WRAM on  
3 sales. In fact, Cal Water only has one year (2023) of annual sales data during which the  
4 block rate structure was in place and the WRAM was not. In 2023, without WRAM, Cal  
5 Water experienced its lowest sales per connection since 2006. This demonstrates that the  
6 WRAM is not necessary to promote conservation. Additionally, **Figure 3-2** above shows  
7 that usage was on a downward trajectory even prior to WRAM implementation, as sales  
8 decreased from 2007 to 2008.

#### 9 **6. M-WRAM – Renamed to Conservation Adjustment** 10 **for Rate Tiers**

11 The M-WRAM is a more targeted and specific approach to promoting  
12 conservation.<sup>206</sup> By only allowing recovery of revenues lost due to an increasing block  
13 rate structure, the balances recovered will be smaller and limited to the results of price  
14 signaling to ratepayers. Accordingly, M-WRAM remains the more reasonable option  
15 that has a nexus to conservation in supporting a tiered rate structure. Therefore, the  
16 Commission should reject all aspects of Cal Water’s SR #3, except for the continuation  
17 of its M-WRAM under the name of CPAM.

#### 18 **7. Revenue Decoupling in Other States**

19 The National Association of Water Companies (NAWC) supports Cal Water’s  
20 SR#3.<sup>207</sup> NAWC supports SR#3 on the premise it is consistent with national practices.  
21 Specifically, the NAWC references eight other states that adopted decoupling  
22 mechanisms for water utilities.<sup>208, 209</sup> However, for reasons discussed below, NAWC’s

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<sup>205</sup> D.08-02-036 at 14-20.

<sup>206</sup> D.24-12-025 at 42.

<sup>207</sup> Response of the National Association of Water Companies to Application of Californian Water Service Company at 4.

<sup>208</sup> Response of the National Association of Water Companies to Application of Californian Water Service Company at 3.

<sup>209</sup> Attachment 3-3: NAWC’s Response to Cal Advocates Data Request CR8-002, Question 1.a.



1 comparison to other states' decoupling mechanisms fails to recognize that California sets  
2 rates based on future test years, and that Cal Water's adopted costs are consistently  
3 greater than its actual costs.

4 All of the states that the NAWC references either use a historic test year or allow  
5 the state's PUC to choose between historic or future test years. Use of historic test years  
6 allows a PUC to establish revenue requirements and the sales to recover the revenue  
7 requirements as actual recorded amounts. The use of future test years requires  
8 projections of expenses, capital costs and sales. As stated in Chapter 2 and 3 of this  
9 report, Cal Water's total adopted costs are consistently greater than its actual costs. A  
10 revenue decoupling mechanism for utilities that use future test years with adopted costs  
11 higher than actual costs only serves to benefit the utilities' shareholders.  
12 Additionally, the enacting legislation from several of the states the NAWC references  
13 contain language that does not pertain to California water utilities.

#### 14 Maine

15 Maine established reasonable rate-adjustment mechanisms to decouple water  
16 utility revenues from water utility sales in 2015.<sup>210</sup> The enacting legislation does not  
17 mention intent to promote conservation because the mechanism is meant to protect water  
18 utilities from changes in consumption volume, rather than promote conservation.  
19 Additionally, the Maine legislation acknowledges that the mechanism can cause a  
20 transfer of risk from the utility to its customers.<sup>211</sup> The Commission's role is to serve as a  
21 substitute for competition for IOUs. Companies in a competitive market are not provided  
22 a mechanism to transfer risk from the company to its customers when forecasting sales.  
23 To adopt Cal Water's proposed SIBA would therefore contradict the Commission's role.

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<sup>210</sup> Me. Rev. Stat. tit. 35-A, § 6102-A(1) [Title 35-A, §6102-A: Rate-adjustment mechanism for water utilities.](#)

<sup>211</sup> Me. Rev. Stat. tit. 35-A, § 6102-A(1) [Title 35-A, §6102-A: Rate-adjustment mechanism for water utilities](#)

1            New York

2            New York allows revenue decoupling mechanisms (RDMs) for its investor-owned  
3 utilities.<sup>212</sup> The New York Department of Public Service correctly ascertains that, under  
4 a properly functioning RDM that benefits both ratepayers and the utility, the only way for  
5 the utility to enhance profits is by cutting costs.<sup>213</sup> This is because any profits that result  
6 from increased sales would be passed back to customers. Cal Water’s WRAM has not  
7 historically benefited both ratepayers and the utility equally. As discussed in *Section 3* of  
8 this Chapter, Cal Water has never over-collected for its WRAM, meaning the total never  
9 resulted in a net decrease in ratepayer bills. Cal Water’s proposed SIBA/WRAM  
10 therefore differentiates from the decoupling mechanisms of the New York utilities in that  
11 there is a near certainty that the WRAM will under collect and that Cal Water’s costs will  
12 increase rather than decrease.<sup>214</sup>

13            Rhode Island

14            Rhode Island allows utilities to implement revenue stabilization accounts.<sup>215</sup> A  
15 key distinction between Rhode Island’s legislation and Cal Water’s requested program is  
16 that Rhode Island’s enacting legislation states that the utility may draw upon the account  
17 without further commission action if revenues fall below the levels sufficient to provide  
18 reasonable compensation for services rendered.<sup>216</sup> The WRAM and the SIBA allow  
19 utilities to recover revenues in excess of those required to provide services rendered. If  
20 Cal Water were to sell less water than forecasted, it would recover additional revenues  
21 through the SIBA. These revenues would be for services not rendered, and instead for

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<sup>212</sup> Attachment 3-3: NAWC’s Response to Cal Advocates Data Request CR8-002, Question 1.a.

<sup>213</sup> State of New York Department of Public Service, Case 21-M-0046, In the Matter of the 2020 Utility Customer Service Quality Performance: 2020 Annual Customer Service Performance Report – June 2021, Appendix A at 1 [{8BD23D5B-0D13-47FE-B3DD-15571DD443CC}.pdf](#)

<sup>214</sup> In this GRC application Cal Water is requesting a 17.1% increase to its revenue requirement in 2026. A.24-07-003 at 4.

<sup>215</sup> 39 R.I. Gen. Laws Ann. § 39-15.1-3 (c).

<sup>216</sup> 39 R.I. Gen. Laws Ann. § 39-15.1-3 (c).

1 hypothetical sales Cal Water forecasted that never occurred and for which costs were  
2 never incurred.

3 Illinois

4 Illinois allowed the Illinois-American Water Company (IAWC) to adopt a Rider  
5 VBA.<sup>217</sup> The rider was allowed under the assumption that it would help the utility to  
6 manage their costs.<sup>218</sup> This assumption is based on the logic that, if costs increase  
7 beyond the amounts used to calculate the revenue requirement, the utility's profits would  
8 decrease. As discussed in *Chapter 1* and *2* of this report, Cal Water consistently over-  
9 forecasts costs, leading to a larger than necessary revenue requirement. With a larger than  
10 necessary revenue requirement, the SIBA would not lead to efficient managing of costs,  
11 but would allow the utility to recover revenue from lower sales than anticipated while  
12 still charging rates based on over-forecasted costs. Illinois granted the rider based on  
13 utilities' rates set at actual costs, not rates set at over-projected costs, as Cal Water's have  
14 historically been set.

15 The NAWC does not consider Cal Water's specific circumstances or produce any  
16 analysis to prove the efficiency of SR#3 components.<sup>219</sup> NAWC's arguments are  
17 theoretical and do not take into account the evidence from the WRAM pilot program for  
18 California Class A Water Utilities.<sup>220</sup>

19 **B. SRM**

20 The Sales Reconciliation Mechanism (SRM) functions like Cal Water's proposed  
21 SIBA. Instead of adjusting the quantity revenues closer to the actual numbers, the SRM  
22 adjusts sales. The SRM then recalculates Cal Water's rates using the updated sales.

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<sup>217</sup> Attachment 3-3: NAWC's Response to Cal Advocates Data Request CR8-002, Question 1.a. Other states often refer to balancing accounts as Riders.

<sup>218</sup> State of Illinois Commerce Commission Docket No. 16-0093, Illinois-American Water Company's Position Statement and Suggested Conclusion at 63-64. [Microsoft Word - 16-0093 IAWC Position Statement and Suggested Conclusions.docx](#).

<sup>219</sup> Attachment 3-3: NAWC's Response to Cal Advocates Data Request CR8-002, Question 1.b.ii.

<sup>220</sup> D.20-08-047.

1                   **1. History of SRM**

2                   The Commission initially adopted the SRM to fix an issue caused by the WRAM.  
3                   As discussed in Section *A* of this chapter, the WRAM led to enormous surcharges on bills  
4                   without transparency that resulted in rate increases even for low-income and low water  
5                   use ratepayers. In Cal Water’s own words, “The SRM was originally deployed as a  
6                   mechanism to mitigate accumulating decoupling balances over the GRC period due to  
7                   sales forecast differences.”<sup>221</sup> A simple solution to the issue that the SRM serves to fix is  
8                   to reject the SIBA.

9                   **2. No Difference for Base Rates**

10                  While the SIBA adjusts base rates instead of surcharges, as previously discussed,  
11                  the base rate adjustments will still lead to rate increases. The SRM was designed to help  
12                  alleviate these rate increases.<sup>222</sup> Whether the change is in the form of surcharges or base  
13                  rates, the change to rates lacks transparency and results in adjustment outside of the GRC  
14                  ratemaking procedure. Under Cal Water’s own logic, the utility is proposing both the  
15                  cause of an issue (WRAM/SIBA) and the solution to the issue (SRM). To prevent  
16                  causing the issue in the first place, the Commission should not adopt the SIBA, and thus  
17                  the SRM would not be needed.

18 **IV. CONCLUSION**

19                  All aspects of Cal Water’s SR #3 are a second attempt to implement WRAM, even  
20                  though doing so conflicts with previous Commission decisions and factual findings. The  
21                  mechanisms proposed in SR #3 are in no way an improvement from the WRAM. Cal  
22                  Water provides no evidence that the WRAM or this proposed program will result in  
23                  increased conservation or ratepayer protection. There is ample evidence, however, of the  
24                  windfall of revenues the WRAM ensures for Cal Water and all other Class A water  
25                  utilities. To maintain consistency with recent rejection of full revenue decoupling

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<sup>221</sup> Cal Water Testimony Book #2 at 44.

<sup>222</sup> D.16-12-026, OP 4 at 84-85.

1 programs proposed by other Class A IOUS,<sup>223</sup> the Commission should reject Cal Water's  
2 request. If approved, SR #3 will result in another windfall of revenues at the expense of  
3 ratepayers, including low-income households and low water users.  
4

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<sup>223</sup> D.24-12-025, OP 4 at 59.

1

**LIST OF ATTACHMENTS FOR CHAPTER 3**

	<b>Attachment #</b>	<b>Description</b>
1	Attachment 3-1	Workpapers - WRAM vs MWRAM
	Attachment 3-2	Workpapers - Sales Per Metered Connection.
3	Attachment 3-3	NAWC's Response to Cal Advocates Data Request CR8-002

2

## **APPENDIX A:**

### **Qualifications of Witness**

1 **QUALIFICATIONS AND PREPARED TESTIMONY**  
2 **OF**  
3 **CHRIS RONCO**  
4

5 Q.1 Please state your name and address.

6 A.1 My name is Chris Ronco and my business address is 505 Van Ness Avenue,  
7 San Francisco, California 94102.  
8

9 Q.2 By whom are you employed and what is your job title?

10 A.2 I am a Public Utilities Regulatory Analyst IV in the Water Branch of the Public  
11 Advocates Office at the California Public Utilities Commission.  
12

13 Q.3 Please describe your educational and professional experience.

14 A.3 I received a Bachelor of Science Degree in Environmental Economics & Policy  
15 and a Bachelor of Arts Degree in Geography from the University of California,  
16 Berkeley in 2019. I have been with the Public Advocates Office – Water Branch  
17 since October 2019, during which I have worked on several General Rate Cases.  
18

19 Q.4 What is your area of responsibility in this proceeding?

20 A.4 I n this proceeding I prepared analysis and testimony addressing Cal Water’s  
21 proposal for Supply Cost Forecasting, Operation and Maintenance Expense  
22 Forecasting, and its Special Request #3: Authorizing Decoupling and Sales  
23 Reconciliation Mechanism.  
24

25 Q.5 Does that complete your prepared testimony?

26 A.5 Yes, it does.



# **ATTACHMENTS**

### LIST OF ATTACHMENTS FOR CHAPTER 1

	<b>Attachment #</b>	<b>Description</b>
1	Attachment 1-1	Cal Water's Response to Cal Advocates Data Request CR8-001
2	Attachment 1-2	Cal Water's Response to Cal Advocates Data Request CR8-001, Attachment 1- Question 1.e
3	Attachment 1-3	Purchased Water Rates from Cal Advocates workpaper CH05_OM_FDR_All Production
4	Attachment 1-4	MDR II.F.5
5	Attachment 1-5	Purchased Power Rates
6	Attachment 1-6	Purchased Chemicals
7	Attachment 1-7	Cal Water's Response to Cal Advocates Data Request CR8-001, Attachment #10 - Question 7a, KCWA INVOICE

**Attachment 1-1:  
Cal Water's Response to  
Cal Advocates Data Request CR8-001**



**RESPONSE TO DATA REQUEST**  
**2024 GENERAL RATE CASE, A.24-07-003**

To: **Public Advocates Office**

**Edward Scher** (415) 815-7027  
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From: **California Water Service**

**Natalie D. Wales** (408) 367-8566  
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**Melody Singh** (916) 329-1856  
Manager, Revenue [msingh@calwater.com](mailto:msingh@calwater.com)

Date: <b>September 9, 2024</b> Re: <b>CR8-001</b> Subj: <b>Variable Costs</b>	Request Received from CPUC: <b>August 30, 2024</b> Requested Due Date: <b>September 9, 2024 [7 days]</b>
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Comments:

- **Full response attached.**
- **Response provided by Rates.**
- **Attachment 3 contains Confidential information.**
- **This response refers to the following attachments included separately:**
  - CR8-001 Attachment #1 - Question 1e
  - CR8-001 Attachment #2 – Question 1f-g
  - **CONFIDENTIAL** CR8-001 Attachment #3 - Question 1f (2023 invoices)



- CR8-001 Attachment #4 - Question 2a-b
- CR8-001 Attachment #5 - Question 2d
- CR8-001 Attachment #6 - Question 3a & 4a
- CR8-001 Attachment #7 - Question 3c
- CR8-001 Attachment #8 - Question 3c
- CR8-001 Attachment #9 - Question 5
- CR8-001 Attachment #10 - Question 7a

## Data Requests and Responses

### Purchased Water:

1. Please refer to Cal Water’s Testimony Book 1, Chapter 4, Section C “Water Production” and workpaper “CH05\_OM\_RO,” tab: “Rec Proj O&M w-Adj WS-6.”
  - a. On page 49, Cal Water states that “the entire supply for Coast Springs is well water under the influence of surface water that is processed through treatment facilities and then delivered to the distribution system.” However, Cal Water records \$48,000 in purchased water annually for 2022-2023, and forecasts \$48,000 for Coast Springs TY purchased water in workpapers. Please explain this discrepancy and indicate whether Coast Springs’ supply mix includes purchased water.  
**Response: The referenced information from page 49 is accurate for Coast Springs. Coast Springs supply mix does not include purchased water. The \$48,000 recorded and provided in purchased water in workpapers is the cost of the lease agreement with Dillon Beach Resort LLC to operate and utilize well water from this source.**
  - b. On page 50, Cal Water states that a portion of Kern River Valley’s production mix is purchased well water. Is the purchased well water for Kern River Valley treated or raw when purchased by Cal Water?  
**Response: The referenced purchased water is treated.**
  - c. On page 51, Cal Water states “Beginning 2026, the water production mix for the Palos Verdes District will consist of treated and purchased water and recycled water.” What is the current production mix for Palos Verdes?  
**Response: The current production mix for Palos Verdes is 100% purchased water.**
  - d. On page 51, Cal Water states that for Salinas Valley Region (King City and Salinas) the production mix is “primarily groundwater.” Please explain in more detail whether this statement means that for both King City and Salinas, the production is solely well water, or if there is another source of water for these service areas.  
**Response: The production mix for both Salinas and King City is 100% groundwater with a small amount of previously purchased water in Salinas being an anomaly.**
  - e. In Attachment 1 of this request, please fill out the tab “Purchased Water” with the unit costs and or charges, and the amount of units purchased for years 2018-2023 for each service area.



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-001 Response (2024 GRC, A.24-07-003) –Page 3

- i. Please state what the units for each per unit rate are. If the resulting total expenses in any year for any service area differs from the amount in Cal Water’s workpaper, please explain why.

**Response: As discussed with Chris on September 4<sup>th</sup>, the request has been modified to request the unit and fixed costs for 2022-2023. Cal Water used rates that were used to calculate purchased water expenses, either for offset filings or the rate case, so the attachment, *CR8-001 Attachment #1 - Question 1e*, may not reflect all charges that appear on the invoices.**

- ii. If the service area purchased water from multiple sources, please create additional rows below the service area to list the sources, unit costs, unit purchased and any charges.

**Response: Please see *CR8-001 Attachment #1 - Question 1e* for the purchased water sources along with their respective unit and fixed costs.**

- f. Please provide supporting documentation for all unit costs and charges inputted in Cal Water’s response and the amount of water purchased.

**Response: Please see zip file *CR8-001 Attachment #2 - Question 1f-g* for the supporting documents used to develop *CR8-001 Attachment #1 - Question 1e*.**

**Additionally, as discussed on September 6<sup>th</sup>, we are providing 2023 invoices. Also, please note that the first page of the invoice might contain confidential information such as account details. Confidential information has not been redacted but will need to be if it were to be used in the course of this proceeding. Please see the zip file labeled *CONFIDENTIAL CR8-001 Attachment #3 - Question 1f (2023 invoices)*.**

- g. Please indicate the location of the rate or charge within the document

**Response: Please see zip file *CR8-001 Attachment #2 - Question 1f-g* for the highlighted rates to support the information provided in *CR8-001 Attachment #1 - Question 1e*.**

2. Please refer to Cal Water’s workpaper “CH05\_OM\_FDR\_All Production”, tab: “All Purchased Water WS-1”.

- a. For every district in which Cal Water purchased water, provide documentation for all unit costs and all charges referenced in the workpaper.

**Response: Please note that some of the supporting documentation has rates and usage in CCF and would need to be converted to per AF for comparison with purchased water rates and production numbers in ROM. Please see *CR8-001 Attachment #4 - Question 2a-b*.**

- b. Please indicate the location of the rate or charge within the document.

**Response: Please see *CR8-001 Attachment #4 - Question 2a-b*. Some notes:**



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-001 Response (2024 GRC, A.24-07-003) –Page 4

- **The Westlake readiness to serve charge was inadvertently not updated from 2023's rate. The charge should have been \$641,082 instead of the \$579,318 that is currently in the model.**
  - **The Los Altos rate is determined by averaging the service charge and surcharge amounts between the two attached San Jose Water invoices.**
  - **The Redwood Valley Unified area is not picking up a production amount for purchased water in the *CH05\_OM\_FDR\_All Production* file.**
- c. Please explain whether the Purchased Water rates and charges presented for all Cal Water Districts reflect the current rates and charges for buying water from water suppliers in 2024, or whether the rates were effective in 2023.  
**Response: The purchased water unit costs and charges are reflected as of 5/1/2024.**
- d. For each Purchased Water rate and charge presented, provide an update based upon any known or reasonably anticipated increase in current Purchased Water rates of 2024, along with supporting documentation.  
**Response: Please see *CR8-001 Attachment #5 - Question 2d* for updated rates given to Cal Water from our wholesalers since May, 2024. Our purchased water charges are determined by our wholesalers, thus we do not know when any increases or lack thereof will occur. As discussed in Special Request #5, Cal Water requests authorization to incorporate into the calculation of new rates any revenue requirement changes approved by the Commission after the July 1, 2024 filing of the Application, which includes purchased water and pump tax offsets. As we will continue to receive increases from our wholesalers over time, this is the most equitable way to account for any changes in rates since our filing.**

### Purchased Power:

3. Please refer to Cal Water's workpaper "Y\_CH05\_OM\_SD\_Rec OM Exp", tab: "OM\_Power Analysis\_Qty".
- a. Please provide all documentation that supports the 2023 total kilowatt hours in column H of tab: "OM\_Power Analysis\_Qty." Documentation may include but not be limited to energy bills, invoices, or contracts from Cal Water's energy providers. Please indicate the location of 'total power used' in the responsive documents.  
**Response: Please refer to *CR8-001 Attachment #6 - Question 3a & 4a* for the 2023 bill history. The first tab has a pivot table and mapping to districts which shows the districts respective quantity in column M.**
  - b. Please explain why the workpaper shows no purchased power amount for Bayshore. If the purchased power amount was omitted in error, please provide the amount.  
**Response: Bayshore (dept id 152) is comprised of San Carlos (dept id 115), Mid-Peninsula (dept id 116) and South San Francisco (dept id 118). These sub-areas form Bayshore, which further gets consolidated into Bay Area Region.**
  - c. In Attachment 1 of this request, please fill out the Purchased Power tab. For each service area's 2023 total kilowatt hours, provide a breakdown of the amount for



## CALIFORNIA WATER SERVICE COMPANY

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pumping, boosting, treating and distributing. If the totals do not match the total KWH from Cal Water's workpapers, please explain the discrepancy.

**Response: Please refer to MDR II.F.10 for explanation on the breakdown between wells and boosters. The attachment, which provides KWH/Kccf by district, was inadvertently left out of the MDR response, but is attached to this data request response as CR8-001 Attachment #7 - Question 3c. Attachment #8 converts the data in Attachment #7 to just provide the usage (kWH) for 2023. The discrepancy between Attachment #8 and Attachment #6 is mostly due to a timing difference between billing and tracked power as well as power purchased for facilities, which is excluded from the recorded purchased power in the RO model. However, in compiling the data for this response Cal Water noticed an inconsistency with the usage in Visalia and Willows and is looking further into this. Cal Water will report back once we obtain more information.**

- d. In Attachment 1, please provide the time of day Cal Water pumps water and treats its water for each service area. Please provide documentation to support Cal Water's response for each service area.

**Response: Cal Water operates many of its larger pumping facilities on time-of-use schedules, which typically involve maximizing off-peak usage. For further discussion, please see Cal Water's response to MDR II.F.5<sup>1</sup>.**

4. Please refer to workpaper "Y\_CH05\_OM\_SD\_Rec OM Exp", tab: "OM\_Power Analysis\_Amt".

- a. Please provide all documentation that supports the 2023 merchandise amounts in column H of tab: "OM\_Power Analysis\_Amt." Documentation may include but not be limited to energy bills, invoices, or contracts from Cal Water's energy providers. Please indicate the location of rates in the responsive documents.

**Response: Please refer to CR8-001 Attachment #6 - Question 3a & 4a for the 2023 bill history. The first tab has a pivot table and mapping to districts which shows the districts respective amount in column L.**

### Purchased Chemicals:

5. Please refer to Cal Water's workpaper "Y\_CH05\_OM\_SD\_Rec OM Exp", tab: "SD\_Rec O&M."

- a. For each district, provide the General Ledger transactions to support the annual total SOE1-04 entries, for years 2018-2023. Please provide the data in Excel format.

**Response: Please see CR8-001 Attachment #9 - Question 5.**

6. Please refer to Cal Water's Testimony #1, Chapter 4, Section C "Water Production" and workpaper "CH05\_OM\_FDR\_All Production", tab: "All Purchased Water WS-1" to answer questions 6.a. – 6.c.:

- a. Four of Cal Water's ratemaking areas purchase raw, untreated water. For each of these ratemaking areas (Lucerne, Bakersfield, Kern River Valley, Oroville) please identify the

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<sup>1</sup> MDR Book, Page 101





## CALIFORNIA WATER SERVICE COMPANY

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cells where the raw water rates are located in the workpaper.

**Response: The raw water rates are located in the “All Purchased Water WS-1” tab of the CH05\_OM\_FDR\_All Production file. The purchased raw water variable rates are located in:**

- Cell J223 for Bakersfield
- Cell J1361 for Kern River Valley
- Cell J1511 for Lucerne
- Cell J714 for Oroville

- b. Does the seller of the water to the above ratemaking areas offer an option of purchasing treated water? (Y/N)

**Response: No. Lucerne (Clear Lake), Bakersfield (City of Bakersfield), Kern River Valley (City of Bakersfield), and Oroville (PGE/Butte County) all only provide surface water with no option to purchase treated water.**

- c. If the seller offers the option of purchasing treated water, has Cal Water performed a cost-benefit analysis to demonstrate raw water is more cost effective? If so, please provide the analysis in Excel format

**Response: N/A given that none of the surface water providers also offer the option of purchasing treated water.**

### Pump Tax:

7. Please refer to Cal Water’s workpaper CH05\_OM\_FDR\_All Production, tab: “Pump Tax Exp WS-1.”

- a. Provide supporting documentation for the unit costs per acre foot and charges for each of the Districts listed in this tab. For each document provided, indicate the location of the unit cost within the document.

**Response: Please see zip file CR8-001 Attachment #10 - Question 7a for the supporting documentation.**

- b. Please explain whether the Pump Tax unit costs and charges presented for all Cal Water Districts reflect the current unit costs for pumping water as of 2024, or whether the unit costs and charges were also effective in 2023.

**Response: The pump tax unit costs and charges are updated up to 5/1/2024.**

- c. For all Pump Tax unit costs presented, provide an update based upon any known or reasonably anticipated increase in current 2024 Pump Tax unit costs and charges, along with supporting documentation.

**Response: Our pump tax charges are determined by regional groundwater replenishment authorities, thus we do not know when any increases will occur and what magnitudes they will be. As discussed in Special Request #5, Cal Water requests authorization to incorporate into the calculation of new rates any revenue requirement changes approved by the Commission after the July 1, 2024 filing of the Application, which includes purchased water and pump tax offsets.**

**Attachment 1-2:  
Cal Water's Response to Cal Advocates Data Request  
CR8-001, Attachment 1- Question 1.e.**

CALIFORNIA WATER SERVICE COMPANY  
 DATA REQUEST CR8-001 (VARIABLE COSTS)  
 QUESTION 1.e

	Wholesaler	Water Type	Description	Unit Cost				Description	Fixed Charges				
				Jan-22	Jul-22	Jan-23	Jul-23		Jan-22	Jul-22	Jan-23	Jul-23	
Antelope Valley	East Kern Water Agency	Potable				699	752						
Bakersfield	City of Bakersfield	Potable				116.05							
	Kern County Water Agency	Potable					195						
Bayshore	San Francisco Public Utilities Commission	Potable		4.1	4.75	4.75	5.21	3367576.96			4073998.32	Annual	
Bear Gulch	San Francisco Public Utilities Commission	Potable		4.1	4.75	4.75	5.21	2543077.68			2077121.16	Annual	
Dominguez	West Basin Municipal Water District	Potable	Tier 1	1488	1500	1587	1605		523956	523956	403860	403860	Annual
	West Basin Municipal Water District	Potable	Tier 2	1530	1542	1796	1814		1393350	1326117	1326117	1299567	Annual
	West Basin Municipal Water District	Recycled	Title 22	1294	1520	1520	1649						
	West Basin Municipal Water District	Recycled	Nitrified	1274	1319	1319	1414						
	West Basin Municipal Water District	Recycled	Reverse Osmosis	1522	1567	1567	1662						
	City of Torrance	Potable	Tier 1	2.845	2.947	3.042	3.042						
East Los Angeles	Central Basin Municipal Water District	Potable	Tier 1	1313	1313	1379	1379		14311	15078	15078	15078	Annual
	Central Basin Municipal Water District								105772	114086	114086	113251	Annual
	Central Basin Municipal Water District								56160	46139	46140	82528.01	Annual
	Central Basin Municipal Water District	Recycled		790	790	790	790		75626	75600	75600	75600	Annual
Hermosa Redondo	West Basin Municipal Water District	Potable	Tier 1	1488	1500	1587	1605		210180	210180	180144	180144	Annual
	West Basin Municipal Water District	Potable	Tier 2	1530	1542	1796	1814		61687	601040	601040	589007	Annual
	West Basin Municipal Water District	Recycled	Tier 1	1294	1520	1520	1649						
Kern River Valley	City of Bakersfield	Potable	Tier 1				116.05						
Livermore	Zone 7 Water Agency	Potable	Tier 1	2.06		2.06	2.27		5799857		5799864	4771332	Annual
Los Altos	Santa Clara Valley Water	Potable			1839	1839	2089						
	Santa Clara Valley Water	Recycled			1811	1811	1811						
	San Jose Water Company	Potable		5.4453	5.9352	5.9352	5.9352			2668.56	3345.48	3345.48	Annual
Oroville	Butte County						110.12				18.5		\$/AF
Palos Verdes	West Basin Municipal Water District	Potable	Tier 1	1488	1500	1587	1605		449520	449520	409608	408608	Annual
	West Basin Municipal Water District	Potable	Tier 2	1530	1542	1796	1814		1021032	992106	992106	972244	Annual
Stockton	Stockton East										11,017,743.8		Annual
Westlake	Calleguas	Potable	Tier 1	1561		1632			569353		540717		Annual
	Calleguas	Potable	Tier 2	1603		1841			500041		579318		Annual
	Calleguas	Recycled		1248.8		1306							
Coast Springs	Dillon Resort								48000		48000		Annual
Lucerne	Yolo County Flood Control & Water Conservation District	Potable				69.24							
Unified Area	Sweetwater Springs Water District	Potable				1.73	3.09				15160.86	16298.82	Annual
	Sweetwater Springs Water District	Potable									2775.66	2984.4	Annual

**Attachment 1-3:  
Purchased Water Rates from Cal Advocates  
workpaper CH05\_OM\_FDR\_All Production**

Filing Type: Application

Sort	Dist.	Dist Name	Wholesaler/Vendor	Description	CalWater					Cal Advocates			Fixed/Variable	Comments	Print Filter	
					2024	2025	2026	2027	2028	2026	2026 Var	2027				2028
1	128	DOMINGUEZ	Purchased	<b>Potable Purchase Water</b>												Print
2	128	DOMINGUEZ		Total Potable Purchase - CCF	6,658,798	6,658,433	6,658,068	6,668,060	6,677,868	6,658,068	0	6,668,060	6,677,868			Print
3	128	DOMINGUEZ		Total Potable Purchase - Acre Feet	15,287	15,286	15,285	15,308	15,330	15,285	0	15,308	15,330			Print
4	128	DOMINGUEZ														Print
5	128	DOMINGUEZ	West Basin	Tier 1 Usage (AF)	13,537	13,536	13,535	13,558	13,580	13,535	0	13,558	13,580			Print
6	128	DOMINGUEZ	West Basin	Tier 2 Usage (AF)	0	0	0	0	0	0	0	0	0			Print
7	128	DOMINGUEZ	West Basin	Tier 1 Rate	\$1,677.00	\$1,677.00	\$1,677.00	\$1,677.00	\$1,677.00	\$1,571.40	-\$105.60	\$1,571.40	\$1,571.40	Variable		Print
8	128	DOMINGUEZ	West Basin	Tier 2 Rate	\$1,876.00	\$1,876.00	\$1,876.00	\$1,876.00	\$1,876.00	\$1,876.00	\$0.00	\$1,876.00	\$1,876.00	Variable		Print
9	128	DOMINGUEZ	Potable Sub-Total	Tier 1 Amount in \$s	\$22,700,883	\$22,699,478	\$22,698,072	\$22,736,538	\$22,774,302	\$21,268,784	-\$1,429,288	\$21,304,828	\$21,340,213			Print
10	128	DOMINGUEZ	Potable Sub-Total	Tier 2 Amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Print
11	128	DOMINGUEZ														Print
12	128	DOMINGUEZ	Desalter	Desalter (AF)	0	0	0	0	0	0	0	0	0			Print
13	128	DOMINGUEZ														Print
14	128	DOMINGUEZ														Print
15	128	DOMINGUEZ	Desalter	Desalter Rate	\$1,243.00	\$1,243.00	\$1,243.00	\$1,243.00	\$1,243.00	\$1,243.00	\$0.00	\$1,243.00	\$1,243.00	Variable		Print
16	128	DOMINGUEZ	Potable Sub-Total	Desalter Amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Print
17	128	DOMINGUEZ														Print
18	128	DOMINGUEZ	City of Torrance	City of Torrance (AF)	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000	1,000			Print
19	128	DOMINGUEZ	City of Torrance	City of Torrance Rate	\$1,325.09	\$1,325.09	\$1,325.09	\$1,325.09	\$1,325.09	\$1,299.65	-\$25.43	\$1,299.65	\$1,299.65	Variable		Print
20	128	DOMINGUEZ	Potable Sub-Total	City of Torrance Amount in \$s	\$1,325,086	\$1,325,086	\$1,325,086	\$1,325,086	\$1,325,086	\$1,299,654	-\$25,432	\$1,299,654	\$1,299,654			Print
21	128	DOMINGUEZ														Print
22	128	DOMINGUEZ	West Basin Tranfer	Transfer from Hermosa (From West Basin) (AF)	750	750	750	750	750	750	0	750	750			Print
23	128	DOMINGUEZ	West Basin Tranfer	Transfer from Hermosa (From West Basin) Rate	\$861.00	\$861.00	\$861.00	\$861.00	\$861.00	\$861.00	\$0.00	\$861.00	\$861.00	Variable		Print
24	128	DOMINGUEZ	Potable Sub-Total	Transfer from Hermosa Amount in \$s	\$645,750	\$645,750	\$645,750	\$645,750	\$645,750	\$645,750	\$0	\$645,750	\$645,750			Print
25	128	DOMINGUEZ														Print
26	128	DOMINGUEZ	Capacity Charge	Capacity Charge Units	44.2	44.2	44.2	44.2	44.2	44.2	0.0	44.2	44.2			Print
27	128	DOMINGUEZ	Capacity Charge	Capacity Charge Rate	\$9,605.00	\$9,605.00	\$9,605.00	\$9,605.00	\$9,605.00	\$10,315.59	\$710.59	\$10,315.59	\$10,315.59	Fixed		Print
28	128	DOMINGUEZ	Potable Sub-Total	Capacity Charge in \$s	\$424,639	\$424,639	\$424,639	\$424,639	\$424,639	\$456,054	\$31,415	\$456,054	\$456,054			Print
29	128	DOMINGUEZ														Print
30	128	DOMINGUEZ	City of Torrance	Meter Charge Units	2	2	2	2	2	2	0	2	2			Print
31	128	DOMINGUEZ	City of Torrance	Meter Charge Rate (Annual)	\$7,539.00	\$7,539.00	\$7,539.00	\$7,539.00	\$7,539.00	\$7,462.30	-\$76.70	\$7,462.30	\$7,462.30	Fixed		Print
32	128	DOMINGUEZ	Potable Sub-Total	Meter Charge in \$s	\$15,078	\$15,078	\$15,078	\$15,078	\$15,078	\$14,925	-\$153	\$14,925	\$14,925			Print
33	128	DOMINGUEZ														Print
34	128	DOMINGUEZ	Leases	Cerritos Lease (AF)	1,250	1,250	1,250	1,250	1,250	1,250	0	1,250	1,250			Print
35	128	DOMINGUEZ	Leases	Cerritos Lease Rate	-\$165.00	-\$165.00	-\$165.00	-\$165.00	-\$165.00	-\$165.00	\$0.00	-\$165.00	-\$165.00	Fixed		Print
36	128	DOMINGUEZ	Potable Sub-Total	Cerritos Lease in \$s	-\$206,250	-\$206,250	-\$206,250	-\$206,250	-\$206,250	-\$206,250	\$0	-\$206,250	-\$206,250			Print
37	128	DOMINGUEZ														Print
38	128	DOMINGUEZ	Potable Sub-Total	West Basin Service Charge in \$s	\$1,299,564	\$1,299,564	\$1,299,564	\$1,299,564	\$1,299,564	\$1,328,943	\$29,379	\$1,328,943	\$1,328,943	Fixed		Print
39	128	DOMINGUEZ														Print
40	128	DOMINGUEZ														No Print
41	128	DOMINGUEZ														No Print
42	128	DOMINGUEZ														No Print
43	128	DOMINGUEZ														No Print
44	128	DOMINGUEZ														No Print
45	128	DOMINGUEZ														No Print
46	128	DOMINGUEZ														No Print
47	128	DOMINGUEZ														No Print
48	128	DOMINGUEZ														No Print
49	128	DOMINGUEZ														No Print
50	128	DOMINGUEZ	Sub-Total	<b>Total Potable Purchase Water</b>	<b>\$26,204,750</b>	<b>\$26,203,345</b>	<b>\$26,201,939</b>	<b>\$26,240,405</b>	<b>\$26,278,168</b>	<b>\$24,807,860</b>	<b>-\$1,394,079</b>	<b>\$24,843,904</b>	<b>\$24,879,289</b>			Print
51	128	DOMINGUEZ														Print
52	128	DOMINGUEZ	Recycled	<b>Recycled Purchase Water</b>												Print
53	128	DOMINGUEZ		Total Recycled Water Purchase - CCF	2,090,113	2,089,999	2,089,884	2,093,020	2,096,099	2,089,884	0	2,093,020	2,096,099			Print
54	128	DOMINGUEZ		Total Recycled Purchase - Acre Feet	4,798	4,798	4,798	4,805	4,812	4,798	0	4,805	4,812			Print
55	128	DOMINGUEZ														Print
56	128	DOMINGUEZ	Title 22?	Reverse Osmosis (AF)	69%	69%	69%	69%	69%	69%	0%	69%	69%			Print
57	128	DOMINGUEZ	Title 22?	Nitrified (AF)	20%	20%	20%	20%	20%	20%	0%	20%	20%			Print
58	128	DOMINGUEZ	Title 22?	Title 22 (AF)	11%	11%	11%	11%	11%	11%	0%	11%	11%			Print
59	128	DOMINGUEZ	Title 22?	Reverse Osmosis After % Allocation (AF)	3,309	3,309	3,308	3,313	3,318	3,308	0	3,313	3,318			Print
60	128	DOMINGUEZ	Title 22?	Nitrified After % Allocation (AF)	952	952	952	954	955	952	0	954	955			Print
61	128	DOMINGUEZ	Title 22?	Title 22 After % Allocation (AF)	537	537	537	538	539	537	0	538	539			Print
62	128	DOMINGUEZ		Reverse Osmosis Rate	\$1,662.00	\$1,662.00	\$1,662.00	\$1,662.00	\$1,662.00	\$1,596.00	-\$66.00	\$1,596.00	\$1,596.00	Variable		Print
63	128	DOMINGUEZ		Nitrified Rate	\$1,414.00	\$1,414.00	\$1,414.00	\$1,414.00	\$1,414.00	\$1,348.00	-\$66.00	\$1,348.00	\$1,348.00	Variable		Print
64	128	DOMINGUEZ		Title 22 Rate	\$1,639.00	\$1,639.00	\$1,639.00	\$1,639.00	\$1,639.00	\$1,524.40	-\$114.60	\$1,524.40	\$1,524.40	Variable		Print
65	128	DOMINGUEZ	Recycled Sub-Total	Reverse Osmosis Amount in \$s	\$5,499,103	\$5,498,802	\$5,498,500	\$5,506,752	\$5,514,852	\$5,280,148	-\$218,352	\$5,288,072	\$5,295,851			Print
66	128	DOMINGUEZ	Recycled Sub-Total	Nitrified Amount in \$s	\$1,346,709	\$1,346,636	\$1,346,562	\$1,348,583	\$1,350,566	\$1,283,710	-\$62,852	\$1,285,636	\$1,287,527			Print
67	128	DOMINGUEZ	Recycled Sub-Total	Title 22 Amount in \$s	\$880,365	\$880,317	\$880,268	\$881,589	\$882,886	\$818,719	-\$61,549	\$819,948	\$821,154			Print
68	128	DOMINGUEZ														Print
69	128	DOMINGUEZ														No Print
70	128	DOMINGUEZ														No Print
71	128	DOMINGUEZ														No Print
72	128	DOMINGUEZ														No Print
73	128	DOMINGUEZ														No Print
74	128	DOMINGUEZ														No Print
75	128	DOMINGUEZ														No Print
76	128	DOMINGUEZ														No Print
77	128	DOMINGUEZ	Sub-Total	<b>Total Recycled Purchase Water</b>	<b>\$7,726,177</b>	<b>\$7,725,754</b>	<b>\$7,725,330</b>	<b>\$7,736,923</b>	<b>\$7,748,305</b>	<b>\$7,382,577</b>	<b>-\$342,753</b>	<b>\$7,393,656</b>	<b>\$7,404,532</b>			Print
78	128	DOMINGUEZ														Print
79	128	DOMINGUEZ	Surface	<b>Surface Purchase Water</b>												Print



















24	123	WESTLAKE																			No Print
25	123	WESTLAKE																			No Print
26	123	WESTLAKE																			No Print
27	123	WESTLAKE																			No Print
28	123	WESTLAKE																			No Print
29	123	WESTLAKE																			No Print
30	123	WESTLAKE																			No Print
31	123	WESTLAKE																			No Print
32	123	WESTLAKE																			No Print
33	123	WESTLAKE																			No Print
34	123	WESTLAKE																			No Print
35	123	WESTLAKE																			No Print
36	123	WESTLAKE																			No Print
37	123	WESTLAKE																			No Print
38	123	WESTLAKE																			No Print
39	123	WESTLAKE																			No Print
40	123	WESTLAKE																			No Print
41	123	WESTLAKE																			No Print
42	123	WESTLAKE																			No Print
43	123	WESTLAKE																			No Print
44	123	WESTLAKE																			No Print
45	123	WESTLAKE																			No Print
46	123	WESTLAKE																			No Print
47	123	WESTLAKE																			No Print
48	123	WESTLAKE																			No Print
49	123	WESTLAKE																			No Print
50	123	WESTLAKE	Sub-Total	Total Potable Purchase Water	\$11,271,870	\$11,265,215	\$11,258,560	\$11,143,095	\$11,201,433	\$10,737,723	-\$520,837	\$11,117,689	\$11,176,027								Print
51	123	WESTLAKE																			Print
52	123	WESTLAKE	Recycled	<b>Recycled Purchase Water</b>																	Print
53	123	WESTLAKE		Total Recycled Water Purchase - Ccf.	210,317	210,179	210,041	207,646	208,856	210,041	0	207,646	208,856								Print
54	123	WESTLAKE		Total Recycled Purchase - Acre Feet	483	483	482	477	479	482	0	477	479								Print
55	123	WESTLAKE																			Print
56	123	WESTLAKE		Unit Cost - \$ per AF	\$1,384.00	\$1,384.00	\$1,384.00	\$1,384.00	\$1,384.00	\$1,312.80	-\$71.20	\$1,384.00	\$1,384.00	Variable							Print
57	123	WESTLAKE	Recycled Sub-Total	Total Recycled Water Purchase	\$668,230	\$667,791	\$667,353	\$659,743	\$663,588	\$633,021	-\$34,332	\$659,743	\$663,588								Print
58	123	WESTLAKE																			Print
59	123	WESTLAKE	Pumping Charge	recycled Water Unit	483	483	482	477	479	482	0	477	479								Print
60	123	WESTLAKE	Pumping Charge	recycled Water Rate	\$50.81	\$50.81	\$50.81	\$50.81	\$50.81	\$50.81	\$0.00	\$50.81	\$50.81	Variable							Print
61	123	WESTLAKE	Recycled Sub-Total	recycled Water Amount in \$s	\$24,532	\$24,516	\$24,500	\$24,221	\$24,362	\$24,500	\$0	\$24,221	\$24,362								Print
62	123	WESTLAKE																			Print
63	123	WESTLAKE																			No Print
64	123	WESTLAKE																			No Print
65	123	WESTLAKE																			No Print
66	123	WESTLAKE																			No Print
67	123	WESTLAKE																			No Print
68	123	WESTLAKE																			No Print
69	123	WESTLAKE																			No Print
70	123	WESTLAKE																			No Print
71	123	WESTLAKE																			No Print
72	123	WESTLAKE																			No Print
73	123	WESTLAKE																			No Print
74	123	WESTLAKE																			No Print
75	123	WESTLAKE																			No Print
76	123	WESTLAKE																			No Print
77	123	WESTLAKE	Sub-Total	Total Recycled Purchase Water	\$692,762	\$692,307	\$691,853	\$683,964	\$687,950	\$657,521	-\$34,332	\$683,964	\$687,950								Print
78	123	WESTLAKE																			Print
79	123	WESTLAKE	Surface	<b>Surface Purchase Water</b>																	Print
80	123	WESTLAKE		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0	0								Print
81	123	WESTLAKE		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	0								Print
82	123	WESTLAKE																			Print
83	123	WESTLAKE		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								Print
84	123	WESTLAKE	Surface Sub-total	Total Surface Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								Print
85	123	WESTLAKE																			Print
86	123	WESTLAKE																			No Print
87	123	WESTLAKE																			No Print
88	123	WESTLAKE																			No Print
89	123	WESTLAKE																			No Print
90	123	WESTLAKE																			No Print
91	123	WESTLAKE																			No Print
92	123	WESTLAKE																			No Print
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94	123	WESTLAKE																			No Print
95	123	WESTLAKE																			No Print
96	123	WESTLAKE																			No Print
97	123	WESTLAKE																			No Print
98	123	WESTLAKE																			No Print
99	123	WESTLAKE																			No Print
100	123	WESTLAKE																			No Print
101	123	WESTLAKE																			No Print
102	123	WESTLAKE																			No Print
103	123	WESTLAKE																			No Print
104	123	WESTLAKE	Sub-Total	Total Surface Purchase Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								Print
105	123	WESTLAKE																			Print
106	123	WESTLAKE		Total Purchased Water (in \$'s) Before Adjustments	\$11,964,632	\$11,957,522	\$11,950,412	\$11,827,059	\$11,889,382	\$11,395,244	-\$555,169	\$11,801,652	\$11,863,976								Print
107	123	WESTLAKE																			Print
108	123	WESTLAKE																			Print
109	123	WESTLAKE		Cal Advocates Adjustments	\$11,964,632	\$11,957,522	\$11,950,412	\$11,827,059	\$11,889,382	\$11,395,244	-\$555,169	\$11,801,652	\$11,863,976								Print
110	123	WESTLAKE		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								Print



83	113	OROVILLE	Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable	Print	
84	113	OROVILLE	Surface Sub-total	Total Surface Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print	
85	113	OROVILLE											Print	
86	113	OROVILLE											No Print	
87	113	OROVILLE											No Print	
88	113	OROVILLE											No Print	
89	113	OROVILLE											No Print	
90	113	OROVILLE											No Print	
91	113	OROVILLE											No Print	
92	113	OROVILLE											No Print	
93	113	OROVILLE											No Print	
94	113	OROVILLE											No Print	
95	113	OROVILLE											No Print	
96	113	OROVILLE											No Print	
97	113	OROVILLE											No Print	
98	113	OROVILLE											No Print	
99	113	OROVILLE											No Print	
100	113	OROVILLE											No Print	
101	113	OROVILLE											No Print	
102	113	OROVILLE											No Print	
103	113	OROVILLE											No Print	
104	113	OROVILLE	Sub-Total	Total Surface Purchase Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print	
105	113	OROVILLE											Print	
106	113	OROVILLE											Print	
107	113	OROVILLE		Total Purchased Water (in \$'s) Before Adjustments	\$242,318	\$242,875	\$243,444	\$244,114	\$244,793	\$243,444	\$0	\$244,114	\$244,793	Print
108	113	OROVILLE												Print
109	113	OROVILLE		Cal Advocates Adjustments	\$242,318	\$242,875	\$243,444	\$244,114	\$244,793	\$243,444	\$0	\$244,114	\$244,793	Print
110	113	OROVILLE		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
111	113	OROVILLE												Print
112	113	OROVILLE		Total Purchased Water (in \$'s) After Adjustments	\$242,318	\$242,875	\$243,444	\$244,114	\$244,793	\$243,444	\$0	\$244,114	\$244,793	Print
113	113	OROVILLE												Print
114	113	OROVILLE												Print
1	111	LOS ALTOS	Purchased	Potable Purchase Water										Print
2	111	LOS ALTOS		Total Potable Purchase - Ccf.	2,551,758	2,548,856	2,545,955	2,546,212	2,546,132	2,545,955	0	2,546,212	2,546,132	Print
3	111	LOS ALTOS		Total Potable Purchase - Acre Feet	5,858	5,851	5,845	5,845	5,845	5,845	0	5,845	5,845	Print
4	111	LOS ALTOS												Print
5	111	LOS ALTOS	S.C.V.W.D - CONTRACT	S.C.V.W.D Potable Unit (AF)	7,497	7,497	7,497	7,497	7,497	7,497	0	7,497	7,497	Print
6	111	LOS ALTOS	S.C.V.W.D - CONTRACT	Unit Cost - \$ per AF	\$2,089.00	\$2,089.00	\$2,089.00	\$2,089.00	\$2,089.00	\$1,964.00	-\$125.00	\$1,964.00	\$1,964.00	Variable S.C.V.W.D. - CONTRACT
7	111	LOS ALTOS	Potable Sub-Total	Total Purchased Water amount in \$s	\$15,661,233	\$15,661,233	\$15,661,233	\$15,661,233	\$15,661,233	\$14,724,108	-\$937,125	\$14,724,108	\$14,724,108	Print
8	111	LOS ALTOS												Print
9	111	LOS ALTOS	San Jose Water	Production (KCCF)	50	50	50	50	50	50	0	50	50	Print
10	111	LOS ALTOS	San Jose Water	Rate	\$6.52	\$6.52	\$6.52	\$6.52	\$6.52	\$5.96	-\$0.56	\$6.52	\$6.52	Variable
11	111	LOS ALTOS	Potable Sub-Total	Amount in \$s	\$326	\$326	\$326	\$326	\$326	\$298	\$0	\$326	\$326	Print
12	111	LOS ALTOS												Print
13	111	LOS ALTOS	Potable Sub-Total	San Jose Water Service Charge amount in \$s	\$4,302	\$4,302	\$4,302	\$4,302	\$4,302	\$3,415	-\$887	\$4,302	\$4,302	Fixed
14	111	LOS ALTOS												No Print
15	111	LOS ALTOS	Scheduled Non-Contract	Scheduled Non-Contract Water (AF)	(1,639)	(1,646)	(1,652)	(1,652)	(1,652)	(1,652)	0	(1,652)	(1,652)	Variable
16	111	LOS ALTOS	Scheduled Non-Contract	Rate	\$2,174.00	\$2,174.00	\$2,174.00	\$2,174.00	\$2,174.00	\$2,174.00	\$0.00	\$2,174.00	\$2,174.00	Print
17	111	LOS ALTOS	Potable Sub-Total	Amount in \$s	-\$3,563,031	-\$3,577,513	-\$3,591,995	-\$3,590,712	-\$3,591,110	-\$3,591,995	\$0	-\$3,590,712	-\$3,591,110	Print
18	111	LOS ALTOS												No Print
19	111	LOS ALTOS												No Print
20	111	LOS ALTOS												No Print
21	111	LOS ALTOS												No Print
22	111	LOS ALTOS												No Print
23	111	LOS ALTOS												No Print
24	111	LOS ALTOS												No Print
25	111	LOS ALTOS												No Print
26	111	LOS ALTOS												No Print
27	111	LOS ALTOS												No Print
28	111	LOS ALTOS												No Print
29	111	LOS ALTOS												No Print
30	111	LOS ALTOS												No Print
31	111	LOS ALTOS												No Print
32	111	LOS ALTOS												No Print
33	111	LOS ALTOS												No Print
34	111	LOS ALTOS												No Print
35	111	LOS ALTOS												No Print
36	111	LOS ALTOS												No Print
37	111	LOS ALTOS												No Print
38	111	LOS ALTOS												No Print
39	111	LOS ALTOS												No Print
40	111	LOS ALTOS												No Print
41	111	LOS ALTOS												No Print
42	111	LOS ALTOS												No Print
43	111	LOS ALTOS												No Print
44	111	LOS ALTOS												No Print
45	111	LOS ALTOS												No Print
46	111	LOS ALTOS												No Print
47	111	LOS ALTOS												No Print
48	111	LOS ALTOS												No Print
49	111	LOS ALTOS												No Print
50	111	LOS ALTOS	Sub-Total	Total Potable Purchase Water	\$12,102,829	\$12,088,348	\$12,073,866	\$12,075,149	\$12,074,750	\$11,135,826	-\$938,012	\$11,138,024	\$11,137,625	Print
51	111	LOS ALTOS												Print
52	111	LOS ALTOS	Recycled	Recycled Purchase Water										Print
53	111	LOS ALTOS		Total Recycled Water Purchase - Ccf.	56,730	56,666	56,601	56,607	56,605	56,601	0	56,607	56,605	Print
54	111	LOS ALTOS		Total Recycled Purchase - Acre Feet	130	130	130	130	130	130	0	130	130	Print





24	129	ANTELOPE VALLEY										No Print		
25	129	ANTELOPE VALLEY										No Print		
26	129	ANTELOPE VALLEY										No Print		
27	129	ANTELOPE VALLEY										No Print		
28	129	ANTELOPE VALLEY										No Print		
29	129	ANTELOPE VALLEY										No Print		
30	129	ANTELOPE VALLEY										No Print		
31	129	ANTELOPE VALLEY										No Print		
32	129	ANTELOPE VALLEY										No Print		
33	129	ANTELOPE VALLEY										No Print		
34	129	ANTELOPE VALLEY										No Print		
35	129	ANTELOPE VALLEY										No Print		
36	129	ANTELOPE VALLEY										No Print		
37	129	ANTELOPE VALLEY										No Print		
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44	129	ANTELOPE VALLEY										No Print		
45	129	ANTELOPE VALLEY										No Print		
46	129	ANTELOPE VALLEY										No Print		
47	129	ANTELOPE VALLEY										No Print		
48	129	ANTELOPE VALLEY										No Print		
49	129	ANTELOPE VALLEY										No Print		
50	129	ANTELOPE VALLEY	Sub-Total	<b>Total Potable Purchase Water</b>	<b>135,073</b>	<b>135,479</b>	<b>135,885</b>	<b>136,163</b>	<b>136,452</b>	<b>132,693</b>	<b>(3,192)</b>	<b>132,964</b>	<b>133,246</b>	No Print
51	129	ANTELOPE VALLEY												Print
52	129	ANTELOPE VALLEY	Recycled	<b>Recycled Purchase Water</b>										Print
53	129	ANTELOPE VALLEY		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	0	Print
54	129	ANTELOPE VALLEY		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	0	Print
55	129	ANTELOPE VALLEY												Print
56	129	ANTELOPE VALLEY		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable
57	129	ANTELOPE VALLEY	Recycled Sub-Total	<b>Total Recycled/ recycled Amount in \$s</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Print
58	129	ANTELOPE VALLEY												Print
59	129	ANTELOPE VALLEY												No Print
60	129	ANTELOPE VALLEY												No Print
61	129	ANTELOPE VALLEY												No Print
62	129	ANTELOPE VALLEY												No Print
63	129	ANTELOPE VALLEY												No Print
64	129	ANTELOPE VALLEY												No Print
65	129	ANTELOPE VALLEY												No Print
66	129	ANTELOPE VALLEY												No Print
67	129	ANTELOPE VALLEY												No Print
68	129	ANTELOPE VALLEY												No Print
69	129	ANTELOPE VALLEY												No Print
70	129	ANTELOPE VALLEY												No Print
71	129	ANTELOPE VALLEY												No Print
72	129	ANTELOPE VALLEY												No Print
73	129	ANTELOPE VALLEY												No Print
74	129	ANTELOPE VALLEY												No Print
75	129	ANTELOPE VALLEY												No Print
76	129	ANTELOPE VALLEY												No Print
77	129	ANTELOPE VALLEY	Sub-Total	<b>Total Recycled Purchase Water</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	Print
78	129	ANTELOPE VALLEY												Print
79	129	ANTELOPE VALLEY	Surface	<b>Surface Purchase Water</b>										Print
80	129	ANTELOPE VALLEY		Total Surface Purchase - Ccf.	0	0	0	0	0	0	0	0	0	Print
81	129	ANTELOPE VALLEY		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	0	Print
82	129	ANTELOPE VALLEY												Print
83	129	ANTELOPE VALLEY		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable
84	129	ANTELOPE VALLEY	Surface Sub-total	<b>Total Surface Purchase Water amount in \$s</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Print
85	129	ANTELOPE VALLEY												Print
86	129	ANTELOPE VALLEY												No Print
87	129	ANTELOPE VALLEY												No Print
88	129	ANTELOPE VALLEY												No Print
89	129	ANTELOPE VALLEY												No Print
90	129	ANTELOPE VALLEY												No Print
91	129	ANTELOPE VALLEY												No Print
92	129	ANTELOPE VALLEY												No Print
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97	129	ANTELOPE VALLEY												No Print
98	129	ANTELOPE VALLEY												No Print
99	129	ANTELOPE VALLEY												No Print
100	129	ANTELOPE VALLEY												No Print
101	129	ANTELOPE VALLEY												No Print
102	129	ANTELOPE VALLEY												No Print
103	129	ANTELOPE VALLEY												No Print
104	129	ANTELOPE VALLEY	Sub-Total	<b>Total Surface Purchase Water</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	Print
105	129	ANTELOPE VALLEY												Print
106	129	ANTELOPE VALLEY		<b>Total Purchased Water (in \$'s) Before Adjustments</b>	<b>135,073</b>	<b>135,479</b>	<b>135,885</b>	<b>136,163</b>	<b>136,452</b>	<b>132,693</b>	<b>(3,192)</b>	<b>132,964</b>	<b>133,246</b>	Print
107	129	ANTELOPE VALLEY												Print
108	129	ANTELOPE VALLEY												Print
109	129	ANTELOPE VALLEY		Cal Advocates Adjustments	135,073	135,479	135,885	136,163	136,452	132,693	(3,192)	132,964	133,246	Print
110	129	ANTELOPE VALLEY		Variance	0	0	0	0	0	0	0	0	0	Print





84	152	BAYSHORE	Surface Sub-total	Total Surface Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Print	
85	152	BAYSHORE													Print	
86	152	BAYSHORE													No Print	
87	152	BAYSHORE													No Print	
88	152	BAYSHORE													No Print	
89	152	BAYSHORE													No Print	
90	152	BAYSHORE													No Print	
91	152	BAYSHORE													No Print	
92	152	BAYSHORE													No Print	
93	152	BAYSHORE													No Print	
94	152	BAYSHORE													No Print	
95	152	BAYSHORE													No Print	
96	152	BAYSHORE													No Print	
97	152	BAYSHORE													No Print	
98	152	BAYSHORE													No Print	
99	152	BAYSHORE													No Print	
100	152	BAYSHORE													No Print	
101	152	BAYSHORE													No Print	
102	152	BAYSHORE													No Print	
103	152	BAYSHORE													No Print	
104	152	BAYSHORE	Sub-Total	Total Surface Purchase Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Print	
105	152	BAYSHORE													Print	
106	152	BAYSHORE													Print	
107	152	BAYSHORE		Total Purchased Water (in \$'s) Before Adjustments	\$47,072,175	\$47,129,518	\$47,186,861	\$47,477,228	\$47,768,438	\$43,638,615	-\$3,548,246	\$43,906,356	\$44,174,874		Print	
108	152	BAYSHORE													Print	
109	152	BAYSHORE		Cal Advocates Adjustments	\$47,072,175	\$47,129,518	\$47,186,861	\$47,477,228	\$47,768,438	\$43,638,615	-\$3,548,246	\$43,906,356	\$44,174,874		Print	
110	152	BAYSHORE		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print	
111	152	BAYSHORE													Print	
112	152	BAYSHORE		Total Purchased Water (in \$'s) After Adjustments	\$47,072,175	\$47,129,518	\$47,186,861	\$47,477,228	\$47,768,438	\$43,638,615	-\$3,548,246	\$43,906,356	\$44,174,874		Print	
113	152	BAYSHORE													Print	
114	152	BAYSHORE													Print	
1	102	BEAR GULCH	Purchased	Potable Purchase Water											Print	
2	102	BEAR GULCH		Total Potable Purchase - Ccf.	4,567,235	4,570,975	4,574,715	4,545,697	4,516,642	4,574,715	0	4,545,697	4,516,642		Print	
3	102	BEAR GULCH		Total Potable Purchase - Acre Feet	10,485	10,494	10,502	10,436	10,369	10,502	0	10,436	10,369		Print	
4	102	BEAR GULCH													Print	
5	102	BEAR GULCH		Unit Cost - \$ per AF	\$2,269.46	\$2,269.46	\$2,269.46	\$2,269.46	\$2,269.46	\$1,995.92	-\$273.54	\$1,995.92	\$1,995.92	Variable	Print	
6	102	BEAR GULCH	Potable Sub-Total	Total Purchase Water amount in \$s	\$23,795,294	\$23,814,780	\$23,834,265	\$23,683,082	\$23,531,704	\$20,961,456	-\$2,872,809	\$20,828,495	\$20,695,363		Print	
7	102	BEAR GULCH													Print	
8	102	BEAR GULCH	Potable Sub-Total	SFWD Service Charge in \$s	\$17,362	\$17,362	\$17,362	\$17,362	\$17,362	\$17,362	\$0	\$17,362	\$17,362	Fixed	Print	
9	102	BEAR GULCH													Print	
10	102	BEAR GULCH	Potable Sub-Total	BAWSCA Surcharge Amount in \$s	\$2,077,121	\$2,077,121	\$2,077,121	\$2,077,121	\$2,077,121	\$2,232,440	\$155,319	\$2,232,440	\$2,232,440	Fixed	Paid Monthly	Print
11	102	BEAR GULCH													Print	
12	102	BEAR GULCH													No Print	
13	102	BEAR GULCH													No Print	
14	102	BEAR GULCH													No Print	
15	102	BEAR GULCH													No Print	
16	102	BEAR GULCH													No Print	
17	102	BEAR GULCH													No Print	
18	102	BEAR GULCH													No Print	
19	102	BEAR GULCH													No Print	
20	102	BEAR GULCH													No Print	
21	102	BEAR GULCH													No Print	
22	102	BEAR GULCH													No Print	
23	102	BEAR GULCH													No Print	
24	102	BEAR GULCH													No Print	
25	102	BEAR GULCH													No Print	
26	102	BEAR GULCH													No Print	
27	102	BEAR GULCH													No Print	
28	102	BEAR GULCH													No Print	
29	102	BEAR GULCH													No Print	
30	102	BEAR GULCH													No Print	
31	102	BEAR GULCH													No Print	
32	102	BEAR GULCH													No Print	
33	102	BEAR GULCH													No Print	
34	102	BEAR GULCH													No Print	
35	102	BEAR GULCH													No Print	
36	102	BEAR GULCH													No Print	
37	102	BEAR GULCH													No Print	
38	102	BEAR GULCH													No Print	
39	102	BEAR GULCH													No Print	
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41	102	BEAR GULCH													No Print	
42	102	BEAR GULCH													No Print	
43	102	BEAR GULCH													No Print	
44	102	BEAR GULCH													No Print	
45	102	BEAR GULCH													No Print	
46	102	BEAR GULCH													No Print	
47	102	BEAR GULCH													No Print	
48	102	BEAR GULCH													No Print	
49	102	BEAR GULCH													No Print	
50	102	BEAR GULCH	Sub-Total	Total Potable Purchase Water	\$25,889,777	\$25,909,263	\$25,928,748	\$25,777,565	\$25,626,187	\$23,211,258	-\$2,717,490	\$23,078,297	\$22,945,165		Print	
51	102	BEAR GULCH													Print	
52	102	BEAR GULCH	Recycled	Recycled Purchase Water											Print	
53	102	BEAR GULCH		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	0		Print	
54	102	BEAR GULCH		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	0		Print	
55	102	BEAR GULCH													Print	

56	102	BEAR GULCH		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable	Print
57	102	BEAR GULCH	Recycled Sub-Total	Total Recycled Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
58	102	BEAR GULCH												Print
59	102	BEAR GULCH												No Print
60	102	BEAR GULCH												No Print
61	102	BEAR GULCH												No Print
62	102	BEAR GULCH												No Print
63	102	BEAR GULCH												No Print
64	102	BEAR GULCH												No Print
65	102	BEAR GULCH												No Print
66	102	BEAR GULCH												No Print
67	102	BEAR GULCH												No Print
68	102	BEAR GULCH												No Print
69	102	BEAR GULCH												No Print
70	102	BEAR GULCH												No Print
71	102	BEAR GULCH												No Print
72	102	BEAR GULCH												No Print
73	102	BEAR GULCH												No Print
74	102	BEAR GULCH												No Print
75	102	BEAR GULCH												No Print
76	102	BEAR GULCH												No Print
77	102	BEAR GULCH	Sub-Total	Total Recycled Purchase Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
78	102	BEAR GULCH												Print
79	102	BEAR GULCH	Surface	Surface Purchase Water										Print
80	102	BEAR GULCH		Total Surface Water Purchase - Ccf.	38,078	38,109	38,140	37,898	37,656	38,140	0	37,898	37,656	Print
81	102	BEAR GULCH		Total Surface Purchase - Acre Feet	87	87	88	87	86	88	0	87	86	Print
82	102	BEAR GULCH												Print
83	102	BEAR GULCH		Unit Cost - \$ per AF	\$2,269.46	\$2,269.46	\$2,269.46	\$2,269.46	\$2,269.46	\$2,269.46	\$0.00	\$2,269.46	\$2,269.46	Variable
84	102	BEAR GULCH	Surface Sub-total	Total Surface Purchase Water amount in \$s	\$198,384	\$198,547	\$198,709	\$197,449	\$196,187	\$198,709	\$0	\$197,449	\$196,187	Print
85	102	BEAR GULCH												Print
86	102	BEAR GULCH												No Print
87	102	BEAR GULCH												No Print
88	102	BEAR GULCH												No Print
89	102	BEAR GULCH												No Print
90	102	BEAR GULCH												No Print
91	102	BEAR GULCH												No Print
92	102	BEAR GULCH												No Print
93	102	BEAR GULCH												No Print
94	102	BEAR GULCH												No Print
95	102	BEAR GULCH												No Print
96	102	BEAR GULCH												No Print
97	102	BEAR GULCH												No Print
98	102	BEAR GULCH												No Print
99	102	BEAR GULCH												No Print
100	102	BEAR GULCH												No Print
101	102	BEAR GULCH												No Print
102	102	BEAR GULCH												No Print
103	102	BEAR GULCH												No Print
104	102	BEAR GULCH	Sub-Total	Total Surface Purchase Water	\$198,384	\$198,547	\$198,709	\$197,449	\$196,187	\$198,709	\$0	\$197,449	\$196,187	Print
105	102	BEAR GULCH												Print
106	102	BEAR GULCH		Total Purchased Water (in \$'s) Before Adjustments	\$26,088,162	\$26,107,810	\$26,127,458	\$25,975,014	\$25,822,374	\$23,409,968	-\$2,717,490	\$23,275,746	\$23,141,352	Print
107	102	BEAR GULCH												Print
108	102	BEAR GULCH		Cal Advocates Adjustments	\$26,088,162	\$26,107,810	\$26,127,458	\$25,975,014	\$25,822,374	\$23,409,968	-\$2,717,490	\$23,275,746	\$23,141,352	Print
109	102	BEAR GULCH		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
110	102	BEAR GULCH												Print
111	102	BEAR GULCH		Total Purchased Water (in \$'s) After Adjustments	\$26,088,162	\$26,107,810	\$26,127,458	\$25,975,014	\$25,822,374	\$23,409,968	-\$2,717,490	\$23,275,746	\$23,141,352	Print
112	102	BEAR GULCH												Print
113	102	BEAR GULCH												Print
114	102	BEAR GULCH												Print
1	134	KERN RIVER VALLEY	Purchased	Potable Purchase Water										Print
2	134	KERN RIVER VALLEY		Total Potable Purchase - Ccf.	0	0	0	0	0	0	0	0	0	Print
3	134	KERN RIVER VALLEY		Total Potable Purchase - Acre Feet	0	0	0	0	0	0	0	0	0	Print
4	134	KERN RIVER VALLEY												Print
5	134	KERN RIVER VALLEY		Unit Cost - \$ per AF	\$116.05	\$116.05	\$116.05	\$116.05	\$116.05	\$116.05	\$0.00	\$116.05	\$116.05	Variable
6	134	KERN RIVER VALLEY	Potable Sub-Total	Total Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Updated with Escalators 2020
7	134	KERN RIVER VALLEY												Print
8	134	KERN RIVER VALLEY												No Print
9	134	KERN RIVER VALLEY												No Print
10	134	KERN RIVER VALLEY												No Print
11	134	KERN RIVER VALLEY												No Print
12	134	KERN RIVER VALLEY												No Print
13	134	KERN RIVER VALLEY												No Print
14	134	KERN RIVER VALLEY												No Print
15	134	KERN RIVER VALLEY												No Print
16	134	KERN RIVER VALLEY												No Print
17	134	KERN RIVER VALLEY												No Print
18	134	KERN RIVER VALLEY												No Print
19	134	KERN RIVER VALLEY												No Print
20	134	KERN RIVER VALLEY												No Print
21	134	KERN RIVER VALLEY												No Print
22	134	KERN RIVER VALLEY												No Print
23	134	KERN RIVER VALLEY												No Print
24	134	KERN RIVER VALLEY												No Print
25	134	KERN RIVER VALLEY												No Print
26	134	KERN RIVER VALLEY												No Print
27	134	KERN RIVER VALLEY												No Print

28	134	KERN RIVER VALLEY											No Print	
29	134	KERN RIVER VALLEY											No Print	
30	134	KERN RIVER VALLEY											No Print	
31	134	KERN RIVER VALLEY											No Print	
32	134	KERN RIVER VALLEY											No Print	
33	134	KERN RIVER VALLEY											No Print	
34	134	KERN RIVER VALLEY											No Print	
35	134	KERN RIVER VALLEY											No Print	
36	134	KERN RIVER VALLEY											No Print	
37	134	KERN RIVER VALLEY											No Print	
38	134	KERN RIVER VALLEY											No Print	
39	134	KERN RIVER VALLEY											No Print	
40	134	KERN RIVER VALLEY											No Print	
41	134	KERN RIVER VALLEY											No Print	
42	134	KERN RIVER VALLEY											No Print	
43	134	KERN RIVER VALLEY											No Print	
44	134	KERN RIVER VALLEY											No Print	
45	134	KERN RIVER VALLEY											No Print	
46	134	KERN RIVER VALLEY											No Print	
47	134	KERN RIVER VALLEY											No Print	
48	134	KERN RIVER VALLEY											No Print	
49	134	KERN RIVER VALLEY											No Print	
50	134	KERN RIVER VALLEY	Sub-Total	<b>Total Potable Purchase Water</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print	
51	134	KERN RIVER VALLEY	Recycled	<b>Recycled Purchase Water</b>									Print	
52	134	KERN RIVER VALLEY		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print	
53	134	KERN RIVER VALLEY		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print	
54	134	KERN RIVER VALLEY		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Print	
55	134	KERN RIVER VALLEY	Recycled Sub-Total	<b>Total Recycled Purchase Water amount in \$s</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print	
56	134	KERN RIVER VALLEY											Print	
57	134	KERN RIVER VALLEY											No Print	
58	134	KERN RIVER VALLEY											No Print	
59	134	KERN RIVER VALLEY											No Print	
60	134	KERN RIVER VALLEY											No Print	
61	134	KERN RIVER VALLEY											No Print	
62	134	KERN RIVER VALLEY											No Print	
63	134	KERN RIVER VALLEY											No Print	
64	134	KERN RIVER VALLEY											No Print	
65	134	KERN RIVER VALLEY											No Print	
66	134	KERN RIVER VALLEY											No Print	
67	134	KERN RIVER VALLEY											No Print	
68	134	KERN RIVER VALLEY											No Print	
69	134	KERN RIVER VALLEY											No Print	
70	134	KERN RIVER VALLEY											No Print	
71	134	KERN RIVER VALLEY											No Print	
72	134	KERN RIVER VALLEY											No Print	
73	134	KERN RIVER VALLEY											No Print	
74	134	KERN RIVER VALLEY											No Print	
75	134	KERN RIVER VALLEY											No Print	
76	134	KERN RIVER VALLEY											No Print	
77	134	KERN RIVER VALLEY	Sub-Total	<b>Total Recycled Purchase Water</b>	0	0	0	0	0	0	0	0	Print	
78	134	KERN RIVER VALLEY	Surface	<b>Surface Purchase Water</b>									Print	
79	134	KERN RIVER VALLEY		Total Surface Purchase - Ccf.	43,195	43,370	43,546	42,397	41,293	43,546	0	42,397	41,293	Print
80	134	KERN RIVER VALLEY		Total Surface Purchase - Acre Feet	99	100	100	97	95	100	0	97	95	Print
81	134	KERN RIVER VALLEY		Unit Cost - \$ per AF	\$116.05	\$116.05	\$116.05	\$116.05	\$116.05	\$116.05	\$0.00	\$116.05	\$116.05	Print
82	134	KERN RIVER VALLEY	Surface Sub-total	<b>Total Surface Purchase Water amount in \$s</b>	\$11,508	\$11,555	\$11,601	\$11,295	\$11,001	\$11,601	\$0	\$11,295	\$11,001	Print
83	134	KERN RIVER VALLEY												Print
84	134	KERN RIVER VALLEY												No Print
85	134	KERN RIVER VALLEY												No Print
86	134	KERN RIVER VALLEY												No Print
87	134	KERN RIVER VALLEY												No Print
88	134	KERN RIVER VALLEY												No Print
89	134	KERN RIVER VALLEY												No Print
90	134	KERN RIVER VALLEY												No Print
91	134	KERN RIVER VALLEY												No Print
92	134	KERN RIVER VALLEY												No Print
93	134	KERN RIVER VALLEY												No Print
94	134	KERN RIVER VALLEY												No Print
95	134	KERN RIVER VALLEY												No Print
96	134	KERN RIVER VALLEY												No Print
97	134	KERN RIVER VALLEY												No Print
98	134	KERN RIVER VALLEY												No Print
99	134	KERN RIVER VALLEY												No Print
100	134	KERN RIVER VALLEY												No Print
101	134	KERN RIVER VALLEY												No Print
102	134	KERN RIVER VALLEY												No Print
103	134	KERN RIVER VALLEY												No Print
104	134	KERN RIVER VALLEY	Sub-Total	<b>Total Surface Purchase Water</b>	\$11,508	\$11,555	\$11,601	\$11,295	\$11,001	\$11,601	\$0	\$11,295	\$11,001	Print
105	134	KERN RIVER VALLEY												Print
106	134	KERN RIVER VALLEY												Print
107	134	KERN RIVER VALLEY		Total Purchased Water (in \$'s) Before Adjustments	\$11,508	\$11,555	\$11,601	\$11,295	\$11,001	\$11,601	\$0	\$11,295	\$11,001	Print
108	134	KERN RIVER VALLEY												Print
109	134	KERN RIVER VALLEY		Cal Advocates Adjustments	\$11,508	\$11,555	\$11,601	\$11,295	\$11,001	\$11,601	\$0	\$11,295	\$11,001	Print
110	134	KERN RIVER VALLEY		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
111	134	KERN RIVER VALLEY												Print
112	134	KERN RIVER VALLEY		<b>Total Purchased Water (in \$'s) After Adjustments</b>	\$11,508	\$11,555	\$11,601	\$11,295	\$11,001	\$11,601	\$0	\$11,295	\$11,001	Print
113	134	KERN RIVER VALLEY												Print





88	110	LIVERMORE											No Print	
89	110	LIVERMORE											No Print	
90	110	LIVERMORE											No Print	
91	110	LIVERMORE											No Print	
92	110	LIVERMORE											No Print	
93	110	LIVERMORE											No Print	
94	110	LIVERMORE											No Print	
95	110	LIVERMORE											No Print	
96	110	LIVERMORE											No Print	
97	110	LIVERMORE											No Print	
98	110	LIVERMORE											No Print	
99	110	LIVERMORE											No Print	
100	110	LIVERMORE											No Print	
101	110	LIVERMORE											No Print	
102	110	LIVERMORE											No Print	
103	110	LIVERMORE											No Print	
104	110	LIVERMORE	Sub-Total	<b>Total Surface Purchase Water</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print	
105	110	LIVERMORE											Print	
106	110	LIVERMORE											Print	
107	110	LIVERMORE		<b>Total Purchased Water (in \$'s) Before Adjustments</b>	\$11,398,497	\$11,409,920	\$11,421,344	\$11,450,950	\$11,480,374	\$10,849,606	-\$571,738	\$10,877,220	\$11,092,663	Print
108	110	LIVERMORE												Print
109	110	LIVERMORE		Cal Advocates Adjustments	\$11,398,497	\$11,409,920	\$11,421,344	\$11,450,950	\$11,480,374	\$10,849,606	-\$571,738	\$10,877,220	\$11,092,663	Print
110	110	LIVERMORE		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
111	110	LIVERMORE												Print
112	110	LIVERMORE		<b>Total Purchased Water (in \$'s) After Adjustments</b>	\$11,398,497	\$11,409,920	\$11,421,344	\$11,450,950	\$11,480,374	\$10,849,606	-\$571,738	\$10,877,220	\$11,092,663	Print
113	110	LIVERMORE												Print
114	110	LIVERMORE												Print
1	147	LUCERNE	Purchased	<b>Potable Purchase Water</b>										Print
2	147	LUCERNE		Total Potable Purchase - Ccf.	107,773	108,164	108,555	108,779	109,003	108,555	0	108,779	109,003	Print
3	147	LUCERNE		Total Potable Purchase - Acre Feet	247	248	249	250	250	249	0	250	250	Print
4	147	LUCERNE												Print
5	147	LUCERNE	YOLO COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT	Unit Cost - \$ per AF	\$69.24	\$69.24	\$69.24	\$69.24	\$69.24	\$69.24	\$0.00	\$69.24	\$69.24	Variable
6	147	LUCERNE	Potable Sub-Total	Total Purchase Water amount in \$s	\$17,131	\$17,193	\$17,255	\$17,291	\$17,327	\$17,255	\$0	\$17,291	\$17,327	Print
7	147	LUCERNE												Print
8	147	LUCERNE												No Print
9	147	LUCERNE												No Print
10	147	LUCERNE												No Print
11	147	LUCERNE												No Print
12	147	LUCERNE												No Print
13	147	LUCERNE												No Print
14	147	LUCERNE												No Print
15	147	LUCERNE												No Print
16	147	LUCERNE												No Print
17	147	LUCERNE												No Print
18	147	LUCERNE												No Print
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22	147	LUCERNE												No Print
23	147	LUCERNE												No Print
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25	147	LUCERNE												No Print
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27	147	LUCERNE												No Print
28	147	LUCERNE												No Print
29	147	LUCERNE												No Print
30	147	LUCERNE												No Print
31	147	LUCERNE												No Print
32	147	LUCERNE												No Print
33	147	LUCERNE												No Print
34	147	LUCERNE												No Print
35	147	LUCERNE												No Print
36	147	LUCERNE												No Print
37	147	LUCERNE												No Print
38	147	LUCERNE												No Print
39	147	LUCERNE												No Print
40	147	LUCERNE												No Print
41	147	LUCERNE												No Print
42	147	LUCERNE												No Print
43	147	LUCERNE												No Print
44	147	LUCERNE												No Print
45	147	LUCERNE												No Print
46	147	LUCERNE												No Print
47	147	LUCERNE												No Print
48	147	LUCERNE												No Print
49	147	LUCERNE												No Print
50	147	LUCERNE	Sub-Total	<b>Total Potable Purchase Water</b>	\$17,131	\$17,193	\$17,255	\$17,291	\$17,327	\$17,255	\$0	\$17,291	\$17,327	Print
51	147	LUCERNE												Print
52	147	LUCERNE	Recycled	<b>Recycled Purchase Water</b>										Print
53	147	LUCERNE		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	0	Print
54	147	LUCERNE		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	0	Print
55	147	LUCERNE												Print
56	147	LUCERNE		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable

57	147	LUCERNE	Recycled Sub-Total	Total Recycled Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
58	147	LUCERNE												Print
59	147	LUCERNE												No Print
60	147	LUCERNE												No Print
61	147	LUCERNE												No Print
62	147	LUCERNE												No Print
63	147	LUCERNE												No Print
64	147	LUCERNE												No Print
65	147	LUCERNE												No Print
66	147	LUCERNE												No Print
67	147	LUCERNE												No Print
68	147	LUCERNE												No Print
69	147	LUCERNE												No Print
70	147	LUCERNE												No Print
71	147	LUCERNE												No Print
72	147	LUCERNE												No Print
73	147	LUCERNE												No Print
74	147	LUCERNE												No Print
75	147	LUCERNE												No Print
76	147	LUCERNE												No Print
77	147	LUCERNE	Sub-Total	Total Recycled Purchase Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
78	147	LUCERNE												Print
79	147	LUCERNE	Surface	Surface Purchase Water										Print
80	147	LUCERNE		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0		Print
81	147	LUCERNE		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0		Print
82	147	LUCERNE												Print
83	147	LUCERNE		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable	Print
84	147	LUCERNE	Surface Sub-total	Total Surface Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
85	147	LUCERNE												Print
86	147	LUCERNE												No Print
87	147	LUCERNE												No Print
88	147	LUCERNE												No Print
89	147	LUCERNE												No Print
90	147	LUCERNE												No Print
91	147	LUCERNE												No Print
92	147	LUCERNE												No Print
93	147	LUCERNE												No Print
94	147	LUCERNE												No Print
95	147	LUCERNE												No Print
96	147	LUCERNE												No Print
97	147	LUCERNE												No Print
98	147	LUCERNE												No Print
99	147	LUCERNE												No Print
100	147	LUCERNE												No Print
101	147	LUCERNE												No Print
102	147	LUCERNE												No Print
103	147	LUCERNE												No Print
104	147	LUCERNE	Sub-Total	Total Surface Purchase Water	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
105	147	LUCERNE												Print
106	147	LUCERNE												Print
107	147	LUCERNE		Total Purchased Water (in \$'s) Before Adjustments	\$17,131	\$17,193	\$17,255	\$17,291	\$17,327	\$17,255	\$0	\$17,291	\$17,327	Print
108	147	LUCERNE												Print
109	147	LUCERNE		Cal Advocates Adjustments	\$17,131	\$17,193	\$17,255	\$17,291	\$17,327	\$17,255	\$0	\$17,291	\$17,327	Print
110	147	LUCERNE		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
111	147	LUCERNE												Print
112	147	LUCERNE		Total Purchased Water (in \$'s) After Adjustments	\$17,131	\$17,193	\$17,255	\$17,291	\$17,327	\$17,255	\$0	\$17,291	\$17,327	Print
113	147	LUCERNE												Print
114	147	LUCERNE												Print
1	149	COAST SPRINGS	Purchased	Potable Purchase Water										Print
2	149	COAST SPRINGS		Total Potable Purchase - Ccf.	0	0	0	0	0	0	0	0		Print
3	149	COAST SPRINGS		Total Potable Purchase - Acre Feet	0	0	0	0	0	0	0	0		Print
4	149	COAST SPRINGS												Print
5	149	COAST SPRINGS		Unit Cost - \$ per AF	\$65.94	\$65.94	\$65.94	\$65.94	\$65.94	\$0.00	\$65.94	\$65.94	Variable	Print
6	149	COAST SPRINGS	Potable Sub-Total	Total Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Print
7	149	COAST SPRINGS												Print
8	149	COAST SPRINGS	Potable Sub-Total	Fixed Cost	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$0	\$48,000	\$48,000		No Print
9	149	COAST SPRINGS												No Print
10	149	COAST SPRINGS												No Print
11	149	COAST SPRINGS												No Print
12	149	COAST SPRINGS												No Print
13	149	COAST SPRINGS												No Print
14	149	COAST SPRINGS												No Print
15	149	COAST SPRINGS												No Print
16	149	COAST SPRINGS												No Print
17	149	COAST SPRINGS												No Print
18	149	COAST SPRINGS												No Print
19	149	COAST SPRINGS												No Print
20	149	COAST SPRINGS												No Print
21	149	COAST SPRINGS												No Print
22	149	COAST SPRINGS												No Print
23	149	COAST SPRINGS												No Print
24	149	COAST SPRINGS												No Print
25	149	COAST SPRINGS												No Print
26	149	COAST SPRINGS												No Print
27	149	COAST SPRINGS												No Print
28	149	COAST SPRINGS												No Print

29	149	COAST SPRINGS											No Print
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43	149	COAST SPRINGS											No Print
44	149	COAST SPRINGS											No Print
45	149	COAST SPRINGS											No Print
46	149	COAST SPRINGS											No Print
47	149	COAST SPRINGS											No Print
48	149	COAST SPRINGS											No Print
49	149	COAST SPRINGS											No Print
50	149	COAST SPRINGS	Sub-Total	<b>Total Potable Purchase Water</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$0</b>	<b>\$48,000</b>	<b>\$48,000</b>	No Print
51	149	COAST SPRINGS											Print
52	149	COAST SPRINGS	Recycled	<b>Recycled Purchase Water</b>									Print
53	149	COAST SPRINGS		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
54	149	COAST SPRINGS		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
55	149	COAST SPRINGS											Print
56	149	COAST SPRINGS		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable
57	149	COAST SPRINGS	Recycled Sub-Total	<b>Total Recycled Purchase Water amount in \$s</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Print
58	149	COAST SPRINGS											Print
59	149	COAST SPRINGS											No Print
60	149	COAST SPRINGS											No Print
61	149	COAST SPRINGS											No Print
62	149	COAST SPRINGS											No Print
63	149	COAST SPRINGS											No Print
64	149	COAST SPRINGS											No Print
65	149	COAST SPRINGS											No Print
66	149	COAST SPRINGS											No Print
67	149	COAST SPRINGS											No Print
68	149	COAST SPRINGS											No Print
69	149	COAST SPRINGS											No Print
70	149	COAST SPRINGS											No Print
71	149	COAST SPRINGS											No Print
72	149	COAST SPRINGS											No Print
73	149	COAST SPRINGS											No Print
74	149	COAST SPRINGS											No Print
75	149	COAST SPRINGS											No Print
76	149	COAST SPRINGS											No Print
77	149	COAST SPRINGS	Sub-Total	<b>Total Recycled Purchase Water</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Print
78	149	COAST SPRINGS											Print
79	149	COAST SPRINGS	Surface	<b>Surface Purchase Water</b>									Print
80	149	COAST SPRINGS		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
81	149	COAST SPRINGS		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
82	149	COAST SPRINGS											Print
83	149	COAST SPRINGS		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable
84	149	COAST SPRINGS	Surface Sub-total	<b>Total Surface Purchase Water amount in \$s</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Print
85	149	COAST SPRINGS											Print
86	149	COAST SPRINGS											No Print
87	149	COAST SPRINGS											No Print
88	149	COAST SPRINGS											No Print
89	149	COAST SPRINGS											No Print
90	149	COAST SPRINGS											No Print
91	149	COAST SPRINGS											No Print
92	149	COAST SPRINGS											No Print
93	149	COAST SPRINGS											No Print
94	149	COAST SPRINGS											No Print
95	149	COAST SPRINGS											No Print
96	149	COAST SPRINGS											No Print
97	149	COAST SPRINGS											No Print
98	149	COAST SPRINGS											No Print
99	149	COAST SPRINGS											No Print
100	149	COAST SPRINGS											No Print
101	149	COAST SPRINGS											No Print
102	149	COAST SPRINGS											No Print
103	149	COAST SPRINGS											No Print
104	149	COAST SPRINGS	Sub-Total	<b>Total Surface Purchase Water</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Print
105	149	COAST SPRINGS											Print
106	149	COAST SPRINGS		Total Purchased Water (in \$'s) Before Adjustments	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$0</b>	<b>\$48,000</b>	<b>\$48,000</b>		Print
107	149	COAST SPRINGS											Print
108	149	COAST SPRINGS											Print
109	149	COAST SPRINGS		Cal Advocates Adjustments	\$48,000	\$48,000	\$48,000	\$48,000	\$0	\$48,000	\$48,000		Print
110	149	COAST SPRINGS		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
111	149	COAST SPRINGS											Print
112	149	COAST SPRINGS		<b>Total Purchased Water (in \$'s) After Adjustments</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$48,000</b>	<b>\$0</b>	<b>\$48,000</b>	<b>\$48,000</b>		Print
113	149	COAST SPRINGS											Print
114	149	COAST SPRINGS											Print





89	650	UNIFIED AREA																No Print
90	650	UNIFIED AREA																No Print
91	650	UNIFIED AREA																No Print
92	650	UNIFIED AREA																No Print
93	650	UNIFIED AREA																No Print
94	650	UNIFIED AREA																No Print
95	650	UNIFIED AREA																No Print
96	650	UNIFIED AREA																No Print
97	650	UNIFIED AREA																No Print
98	650	UNIFIED AREA																No Print
99	650	UNIFIED AREA																No Print
100	650	UNIFIED AREA																No Print
101	650	UNIFIED AREA																No Print
102	650	UNIFIED AREA																No Print
103	650	UNIFIED AREA																No Print
104	650	UNIFIED AREA	Sub-Total	<b>Total Surface Purchase Water</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
105	650	UNIFIED AREA																Print
106	650	UNIFIED AREA																Print
107	650	UNIFIED AREA		<b>Total Purchased Water (in \$'s) Before Adjustments</b>	\$19,283	\$19,283	\$19,283	\$19,283	\$19,283	\$18,645	-\$639	\$19,283	\$19,283					Print
108	650	UNIFIED AREA																Print
109	650	UNIFIED AREA		Cal Advocates Adjustments	\$19,283	\$19,283	\$19,283	\$19,283	\$19,283	\$18,645	-\$639	\$19,283	\$19,283					Print
110	650	UNIFIED AREA		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0					Print
111	650	UNIFIED AREA																Print
112	650	UNIFIED AREA		<b>Total Purchased Water (in \$'s) After Adjustments</b>	\$19,283	\$19,283	\$19,283	\$19,283	\$19,283	\$18,645	-\$639	\$19,283	\$19,283					Print
113	650	UNIFIED AREA																Print
114	650	UNIFIED AREA																Print
1	119	STOCKTON	Purchased	<b>Potable Purchase Water</b>														Print
2	119	STOCKTON		Total Potable Purchase - Ccf.	7,927,787	7,953,566	7,979,344	7,958,676	7,937,774	7,979,344	0	7,958,676	7,937,774					Print
3	119	STOCKTON		Total Potable Purchase - Acre Feet	18,200	18,259	18,318	18,271	18,223	18,318	0	18,271	18,223					Print
4	119	STOCKTON																Print
5	119	STOCKTON		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	0					Print
6	119	STOCKTON	Potable Sub-Total	Total Purchase Water amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Variable				Print
7	119	STOCKTON																Print
8	119	STOCKTON	Potable Sub-Total	Monthly Obligation to Stockton East ( \$ Per Mor	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$12,406,886	-\$1,389,142	\$12,406,886	\$12,406,886	Fixed	Updated with Stockton East BMP 2020-2021			Print
9	119	STOCKTON																Print
10	119	STOCKTON																No Print
11	119	STOCKTON																No Print
12	119	STOCKTON																No Print
13	119	STOCKTON																No Print
14	119	STOCKTON																No Print
15	119	STOCKTON																No Print
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18	119	STOCKTON																No Print
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46	119	STOCKTON																No Print
47	119	STOCKTON																No Print
48	119	STOCKTON																No Print
49	119	STOCKTON																No Print
50	119	STOCKTON	Sub-Total	<b>Total Potable Purchase Water</b>	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$12,406,886	-\$1,389,142	\$12,406,886	\$12,406,886					Print
51	119	STOCKTON																Print
52	119	STOCKTON	Recycled	<b>Recycled Purchase Water</b>														Print
53	119	STOCKTON		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	0					Print
54	119	STOCKTON		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	0					Print
55	119	STOCKTON																Print
56	119	STOCKTON		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Variable				Print
57	119	STOCKTON	Recycled Sub-Total	Total Recycled Water Purchase amount in \$s	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0					Print
58	119	STOCKTON																Print
59	119	STOCKTON																No Print

60	119	STOCKTON										No Print		
61	119	STOCKTON										No Print		
62	119	STOCKTON										No Print		
63	119	STOCKTON										No Print		
64	119	STOCKTON										No Print		
65	119	STOCKTON										No Print		
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67	119	STOCKTON										No Print		
68	119	STOCKTON										No Print		
69	119	STOCKTON										No Print		
70	119	STOCKTON										No Print		
71	119	STOCKTON										No Print		
72	119	STOCKTON										No Print		
73	119	STOCKTON										No Print		
74	119	STOCKTON										No Print		
75	119	STOCKTON										No Print		
76	119	STOCKTON										No Print		
77	119	STOCKTON	Sub-Total	<b>Total Recycled Purchase Water</b>	0	0	0	0	0	0	0	0	Print	
78	119	STOCKTON											Print	
79	119	STOCKTON	Surface	<b>Surface Purchase Water</b>									Print	
80	119	STOCKTON		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print	
81	119	STOCKTON		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print	
82	119	STOCKTON											Print	
83	119	STOCKTON		Unit Cost - \$ per AF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Print	
84	119	STOCKTON	Surface Sub-total	Total Surface Water Purchase amount in \$\$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Variable	
85	119	STOCKTON											Print	
86	119	STOCKTON											No Print	
87	119	STOCKTON											No Print	
88	119	STOCKTON											No Print	
89	119	STOCKTON											No Print	
90	119	STOCKTON											No Print	
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97	119	STOCKTON											No Print	
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101	119	STOCKTON											No Print	
102	119	STOCKTON											No Print	
103	119	STOCKTON											No Print	
104	119	STOCKTON	Sub-Total	<b>Total Surface Purchase Water</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print	
105	119	STOCKTON											Print	
106	119	STOCKTON											Print	
107	119	STOCKTON		Total Purchased Water (in \$'s) Before Adjustments	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$12,406,886	-\$1,389,142	\$12,406,886	\$12,406,886	Print
108	119	STOCKTON												Print
109	119	STOCKTON		Cal Advocates Adjustments	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$12,406,886	-\$1,389,142	\$12,406,886	\$12,406,886	Print
110	119	STOCKTON		Variance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Print
111	119	STOCKTON												Print
112	119	STOCKTON		<b>Total Purchased Water (in \$'s) After Adjustments</b>	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$13,796,028	\$12,406,886	-\$1,389,142	\$12,406,886	\$12,406,886	Print
113	119	STOCKTON												Print
114	119	STOCKTON												Print
1	TEMP		Purchased	<b>Potable Purchase Water</b>										Print
2	TEMP			Total Potable Purchase - Ccf.	0	0	0	0	0	0	0	0	0	Print
3	TEMP			Total Potable Purchase - Acre Feet	0	0	0	0	0	0	0	0	0	Print
4	TEMP													Print
5	TEMP			Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	0	Variable
6	TEMP		Potable Sub-Total	Total Purchase Water amount in \$\$	0	0	0	0	0	0	0	0	0	Print
7	TEMP													Print
8	TEMP													No Print
9	TEMP													No Print
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45	TEMP											No Print
46	TEMP											No Print
47	TEMP											No Print
48	TEMP											No Print
49	TEMP											No Print
50	TEMP	Sub-Total	<b>Total Potable Purchase Water</b>	0	0	0	0	0	0	0	0	No Print
51	TEMP											Print
52	TEMP	Recycled	<b>Recycled Purchase Water</b>									Print
53	TEMP		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
54	TEMP		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
55	TEMP											Print
56	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
57	TEMP	Recycled Sub-Total	Total Recycled Water Purchase amount in \$s	0	0	0	0	0	0	0	0	Print
58	TEMP											Print
59	TEMP											No Print
60	TEMP											No Print
61	TEMP											No Print
62	TEMP											No Print
63	TEMP											No Print
64	TEMP											No Print
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71	TEMP											No Print
72	TEMP											No Print
73	TEMP											No Print
74	TEMP											No Print
75	TEMP											No Print
76	TEMP											No Print
77	TEMP	Sub-Total	<b>Total Recycled Purchase Water</b>	0	0	0	0	0	0	0	0	No Print
78	TEMP											Print
79	TEMP	Surface	<b>Surface Purchase Water</b>									Print
80	TEMP		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
81	TEMP		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
82	TEMP											Print
83	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
84	TEMP	Surface Sub-total	Total Surface Water Purchase amount in \$s	0	0	0	0	0	0	0	0	Print
85	TEMP											Print
86	TEMP											No Print
87	TEMP											No Print
88	TEMP											No Print
89	TEMP											No Print
90	TEMP											No Print
91	TEMP											No Print
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99	TEMP											No Print
100	TEMP											No Print
101	TEMP											No Print
102	TEMP											No Print
103	TEMP											No Print
104	TEMP	Sub-Total	<b>Total Surface Purchase Water</b>	0	0	0	0	0	0	0	0	No Print
105	TEMP											Print
106	TEMP		Total Purchased Water (in \$'s) Before Adjustments	0	0	0	0	0	0	0	0	Print
107	TEMP											Print
108	TEMP											Print
109	TEMP		Cal Advocates Adjustments	0	0	0	0	0	0	0	0	Print
110	TEMP		Variance	0	0	0	0	0	0	0	0	Print
111	TEMP											Print
112	TEMP		<b>Total Purchased Water (in \$'s) After Adjustments</b>	0	0	0	0	0	0	0	0	Print
113	TEMP											Print
114	TEMP											Print
1	TEMP	Purchased	<b>Potable Purchase Water</b>									Print
2	TEMP		Total Potable Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
3	TEMP		Total Potable Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print





92	TEMP											No Print
93	TEMP											No Print
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100	TEMP											No Print
101	TEMP											No Print
102	TEMP											No Print
103	TEMP											No Print
104	TEMP	Sub-Total	<b>Total Surface Purchase Water</b>	0	0	0	0	0	0	0	0	Print
105	TEMP											Print
106	TEMP											Print
107	TEMP		Total Purchased Water (in \$'s) Before Adjustments	0	0	0	0	0	0	0	0	Print
108	TEMP											Print
109	TEMP		Cal Advocates Adjustments	0	0	0	0	0	0	0	0	Print
110	TEMP		Variance	0	0	0	0	0	0	0	0	Print
111	TEMP											Print
112	TEMP		<b>Total Purchased Water (in \$'s) After Adjustments</b>	0	0	0	0	0	0	0	0	Print
113	TEMP											Print
114	TEMP											Print
1	<b>TEMP</b>	Purchased	<b>Potable Purchase Water</b>									Print
2	TEMP		Total Potable Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
3	TEMP		Total Potable Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
4	TEMP											Print
5	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
6	TEMP	Potable Sub-Total	Total Purchase Water amount in \$\$	0	0	0	0	0	0	0	0	Print
7	TEMP											Print
8	TEMP											No Print
9	TEMP											No Print
10	TEMP											No Print
11	TEMP											No Print
12	TEMP											No Print
13	TEMP											No Print
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47	TEMP											No Print
48	TEMP											No Print
49	TEMP											No Print
50	TEMP	Sub-Total	<b>Total Potable Purchase Water</b>	0	0	0	0	0	0	0	0	Print
51	TEMP											Print
52	TEMP	Recycled	<b>Recycled Purchase Water</b>									Print
53	TEMP		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
54	TEMP		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
55	TEMP											Print
56	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
57	TEMP	Recycled Sub-Total	Total Recycled Water Purchase amount in \$\$	0	0	0	0	0	0	0	0	Print
58	TEMP											Print
59	TEMP											No Print
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76	TEMP											No Print
77	TEMP	Sub-Total	<b>Total Recycled Purchase Water</b>	0	0	0	0	0	0	0	0	Print
78	TEMP											Print
79	TEMP	Surface	<b>Surface Purchase Water</b>									Print
80	TEMP		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
81	TEMP		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
82	TEMP											Print
83	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
84	TEMP	Surface Sub-total	Total Surface Water Purchase amount in \$s	0	0	0	0	0	0	0	0	Print
85	TEMP											Print
86	TEMP											No Print
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89	TEMP											No Print
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104	TEMP	Sub-Total	<b>Total Surface Purchase Water</b>	0	0	0	0	0	0	0	0	Print
105	TEMP											Print
106	TEMP											Print
107	TEMP		Total Purchased Water (in \$'s) Before	0	0	0	0	0	0	0	0	Print
108	TEMP											Print
109	TEMP		Cal Advocates Adjustments	0	0	0	0	0	0	0	0	Print
110	TEMP		Variance	0	0	0	0	0	0	0	0	Print
111	TEMP											Print
112	TEMP		<b>Total Purchased Water (in \$'s) After</b>	0	0	0	0	0	0	0	0	Print
113	TEMP											Print
114	TEMP											Print
1	TEMP	Purchased	<b>Potable Purchase Water</b>									Print
2	TEMP		Total Potable Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
3	TEMP		Total Potable Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
4	TEMP											Print
5	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
6	TEMP	Potable Sub-Total	Total Purchase Water amount in \$s	0	0	0	0	0	0	0	0	Print
7	TEMP											Print
8	TEMP											No Print
9	TEMP											No Print
10	TEMP											No Print
11	TEMP											No Print
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46	TEMP											No Print
47	TEMP											No Print
48	TEMP											No Print
49	TEMP											No Print
50	TEMP	Sub-Total	Total Potable Purchase Water	0	0	0	0	0	0	0	0	No Print
51	TEMP											Print
52	TEMP	Recycled	Recycled Purchase Water									Print
53	TEMP		Total Recycled Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
54	TEMP		Total Recycled Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
55	TEMP											Print
56	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
57	TEMP	Recycled Sub-Total	Total Recycled Water Purchase amount in \$\$	0	0	0	0	0	0	0	0	Print
58	TEMP											Print
59	TEMP											No Print
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62	TEMP											No Print
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77	TEMP	Sub-Total	Total Recycled Purchase Water	0	0	0	0	0	0	0	0	No Print
78	TEMP											Print
79	TEMP	Surface	Surface Purchase Water									Print
80	TEMP		Total Surface Water Purchase - Ccf.	0	0	0	0	0	0	0	0	Print
81	TEMP		Total Surface Purchase - Acre Feet	0	0	0	0	0	0	0	0	Print
82	TEMP											Print
83	TEMP		Unit Cost - \$ per AF	0	0	0	0	0	0	0	0	Print
84	TEMP	Surface Sub-total	Total Surface Water Purchase amount in \$\$	0	0	0	0	0	0	0	0	Print
85	TEMP											Print
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102	TEMP											No Print
103	TEMP											No Print
104	TEMP	Sub-Total	Total Surface Purchase Water	0	0	0	0	0	0	0	0	Print
105	TEMP											Print
106	TEMP											Print
107	TEMP		Total Purchased Water (in \$'s) Before	0	0	0	0	0	0	0	0	Print
108	TEMP											Print
109	TEMP		Cal Advocates Adjustments	0	0	0	0	0	0	0	0	Print
110	TEMP		Variance	0	0	0	0	0	0	0	0	Print
111	TEMP											Print
112	TEMP		Total Purchased Water (in \$'s) After	0	0	0	0	0	0	0	0	Print
113	TEMP											Print
114	TEMP											Print

Variable

Variable

All	Total Purchased Water (in \$'s) Before Adjustme	216,460,415	216,518,194	217,140,705	217,141,230	217,324,813	203,076,291	(14,064,386)	204,212,632	204,582,897
All	Total Purchased Water (in \$'s) After Adjustment	216,460,415	216,518,194	217,140,705	217,141,230	217,324,813	203,076,291	(14,064,386)	204,212,632	204,582,897



All

Variance

0

0

**Attachment 1-4:  
MDR II.F.5**

<b>MDR REQUIREMENTS</b> (Items flagged with "E" are electronically provided)				<b>Pages in MDR Book</b>	<b>Location in 2024 GRC Filing</b>	<b>2024 GRC Format</b>	<b>Electronically Provided</b>
II	C	6	Total raw water in CCF for the last author. TY, last 5 yrs' recorded data, and proposed TY.	18	MDR Book	Table	
II	C	7	Total recycled water in CCF for the last author. TY, last 5 yrs' recorded data, and proposed TY.	18	MDR Book	Table	
II	C	8	Sales per customer for different customer classes (in CCF/customer) for the last author. RY, last 5 yrs' recorded data, and proposed TY.		RO Tables Book: Chapter 3	Table	
II	<b>D. Rate Base</b> - All significant changes between last adopted figures and recorded amounts shall be explained. Forecasted amounts shall include an explanation of the forecasting method. All significant capital additions shall be identified and justified, and must include need analysis, cost comparison and evaluation, conceptual design, and overall budget. Also include a comparison of the forecasted capital additions adopted in the last GRC and actual capital additions.				RO and PJ Books (Confidential and non)		
II	D	1	Rate base and % of increases for last author. TYs, last 5 yrs' recorded data, and proposed TY.		RO Tables Book: Chapter 10	Table	
II	D	2	Rate base per customer and % of increases for last author. TYs, last 5 yrs' recorded data, and proposed TY.		RO Tables Book: Chapter 10	Table	
II	D	3	Plant-in-Service and % of increases for last author. TYs, last 5 yrs' recorded data, and proposed TY.		RO Tables Book: Chapter 8	Table	
II	D	4	Plant-in-Service per customer and % of increases for last author. TYs, last 5 yrs' recorded data, and proposed TY.		RO Tables Book: Chapter 8	Table	
II	D	5	List the plant improvements authorized in TYs but not built.		RO Tables Book: Chapter 7 Plant Table 3	Table	
II	D	6	List the plant improvements built in last test years but not authorized.		RO Tables Book: Chapter 7 Plant Tables 5, 6, 7	Table	
II	D	7	List all items in Plant-in-Service included in rate base not "used and useful" in the last five years and proposed TY.	20	MDR Book	Narrative	
II	D	8	To the extent not included in a previous GRC application, include a detailed, complete description accounting for all real property that, since January 1, 1996, was at any time, but is no longer, necessary or useful in the performance of the water corporation's duties to the public and explain what, if any, disposition or use has been made of said property since it was determined to no longer be used or useful in the performance of utility duties. The disposition of any proceeds shall also be explained.	21	MDR Book	Table and Narrative	
II	<b>E. Supply and Distribution Infrastructure Status and Planning</b>						
II	E	1	Demonstrate compliance with section 10620 of the California Water Code which requires the utility to prepare an Urban Water Management Plan. The utility shall demonstrate compliance by providing a copy of the letter the utility has received ROM DWR affirming a completed UWMP.	24	MDR Book	Letters	
II	E	2	Identify <u>unaccounted for water</u> in CCF and percentage of total water production for the last authorized TY, last 5 yrs' recorded data, and proposed TY amounts.		RO Tables Book: Chapter 3	Table	
II	E	3	Submit the results of a <u>water loss audit</u> performed no more than 60 days in advance of the submission of the proposed application. The audit report will be prepared using the free Audit Software developed by the AWWA and available on the AWWA website.	49	MDR Book - One district sample in MDR book, all others electronic only	PDF	<b>E</b>
II	E	4	In connection with the water loss audit described above, the utility shall conduct and submit the results of a cost/benefit analysis for reducing the level of unaccounted water reported in the water loss audit. If unaccounted water is more than approximately 7% for each district or service area, submit a plan to reduce unaccounted water to a specific amount.	51	MDR Book	Narrative and Chart	
II	E	5	Identify specific measures taken to reduce unaccounted water in the last five years and proposed TY.	53	MDR Book	Narrative	

**2024 General Rate Case  
Minimum Data Requirement  
Response Form**

<b>Section Number</b>	<b>II</b>
Section Description	Testimony Requirements
<b>Subsection Letter</b>	<b>F</b>
Subsection Description	Conservation & Efficiency
<b>Item</b>	<b>5</b>
Item Description	Provide specific measures taken to promote energy conservation in the last five years, and the proposed test years.

**Response**

This response follows the testimony made by Darin T. Duncan in the 2012 General Rate Case and Cal Water’s response to the Minimum Data Request F5 in its past General Rate Cases. Since these projects and programs continue to be principal components of Cal Water’s historical and future energy management philosophy and approach, a recapitulation of these details is provided here. New programs and initiatives undertaken in the past few years are also highlighted.

The specific measures taken to promote energy conservation in the last five years and into the proposed test years include many different programs. These are listed below and discussed in detail in subsequent paragraphs:

- \* Replacing inefficient pumps and motors with more efficient ones;
- \* Source and pump optimization;
- \* Energy tariff review and modification;
- \* Variable frequency drives (VFD) installed for specific applications;
- \* Time-of-use pumping;

- \* Voluntary demand reduction programs;
- \* Energy recovery systems;
- \* Pre-design meetings with Pacific Gas & Electric Company (PG&E) and Southern California Edison (SCE) to determine programs and incentives available for energy saving design features;
- \* Solar Power
- \* Sustainability efforts at the Customer Support Services (CSS) campus

### **Replacement of Inefficient Pumps and Motors**

Cal Water budgets and replaces inefficient pumps as needed. It prioritizes these pump replacements and target high-use/low-efficiency applications. It also focuses on the replacement or rebuilding of inefficient motors targeting high-use applications. This is a continuous program to maintain the overall efficiency of pumping plants.

### **Source and Pump Optimization**

Cal Water continues to look for ways to optimize pumping and supply operations.

### **Energy Tariff Review and Modification**

Cal Water also looks for ways to reduce energy cost(s) through periodic tariff review and modification. This process entails an operational study of a given service area (distribution system), whose primary goal is to ultimately “match” the system’s pumps and sources to the most advantageous energy tariff, based on the billing and timing structure of the tariff itself, as compared to key operating parameters of the given source (usually run-time). Electrical tariff analysis for all water systems was last completed in 2014, which was reported in Cal Water’s 2015 GRC filing. Since then, Cal Water routinely viewed tariffs for systems where there have been changes in operations and adjusted accordingly. Cal Water is now in the process of updating the analysis for all of its districts.

### **Use of Variable Frequency Drives**

Where possible and where logical for water system operations, Cal Water incorporates into its

designs variable frequency drive (VFD) motors and control systems for its water system pumping applications. These VFDs can use significantly less energy in specific applications than their non-variable speed counterparts. This is especially true where there is a need to reduce flow or pressure downstream of the pumping station via a control valve. Instead of wasting the energy, the VFDs simply operate at a lower speed and then ramp-up or ramp-down to produce a more constant discharge pressure or flow as desired. VFDs are not well-suited for all applications, especially those with long continuous run times with minimal fluctuations in operations, such as a pump simply filling a tank. In these cases, the use of a VFD does not necessarily save energy. Further, there are operational and design challenges associated with VFDs. They require more complicated design and often require cooling for their sophisticated controllers. Harmonic filters are usually required to prevent distortions of the power in the electrical utility grid. Finally, more technical operators and repair technicians are needed to optimally operate and maintain VFDs. Because of these challenges, Cal Water is careful in implementing these potential energy saving devices and makes site-by-site determinations concerning their appropriateness.

In the past, Cal Water operators determined operational priority of production sources or booster sources based primarily on water quality parameters, quantity requirements, and pressure and flow needs of the system. Having these energy monitoring programs in place will provide real-time overall electrical efficiency, and will allow operators to select the more efficient sources. Cal Water estimates that efficiencies can vary by up to 3% between different sources. This tool will help allow Cal Water to take advantage of these differences in efficiencies.

Cal Water recently completed its Energy Management System. This will allow for more accurate, real time assessment of energy consumption per unit of water produced. By providing this data to our operations staff, they will be better able to adjust production to better optimize for energy efficiency.

Accurate flow data is key for any of these programs to be effected. In several districts, Cal Water is either proposing to install new flowmeters or replace failing flowmeters. These projects are essential in order to evaluate pump performance, whether it be through SCADA or through daily reads.

### **Time-of-Use Pumping**

Cal Water operates many of its larger pumping facilities on time-of-use (TOU) schedules. The tariff schedules for TOU operations vary by facility size and by power company. This operational plan essentially requires Cal Water to turn off pumping facilities during peak demand periods (usually 4 PM to 9 PM) in summer months. There is a benefit to the customer when Cal Water does this because the pumps operate on a lower power cost schedule. While operating in this manner does not conserve electricity on an annual basis, it does allow the power utilities to better manage their production resources and also allows them to operate their most efficient facilities, theoretically saving natural resources by means of production efficiency. It is not possible to determine the conservation savings of this theoretical benefit.

There are physical limitations to operating in a TOU environment. There are three key infrastructure needs to be able to perform TOU effectively. TOU requires having enough storage to allow the system or hydraulic zone to operate utilizing this storage during the on-peak time period (usually 6 hours). It also requires enough pumping capacity to be able to recover the storage in either the daily off-peak 18 hours, or during off-peak weekend use.

Finally, it requires enough hydraulic pipeline capacity be able to utilize the pumping plant for storage recovery. Unfortunately, many of Cal Water's systems and hydraulic zones do not have all of these needed components readily available. Where possible, Cal Water utilizes TOU pumping to reduce energy costs and do its part to help manage the power demand.

### **Voluntary Demand Reduction Programs**

Cal Water started a demand response program in its Bakersfield District. Though infrequent in recent history, Cal Water receives notices from the electric utility when demand response is needed and responds by shutting down pump stations. The two stations in the program have devices installed to verify when power is used so the electric utility knows Cal Water is complying with its requests.

### **Energy Recovery System**

Cal Water completed installation of a hydraulic power recovery turbine in Palos Verdes in 2014.



### **Pre-Design Meetings with Power Providers**

A component of Cal Water's standard procedure for designing any new pumping facility is to meet with the power provider early in the process. This allows for discussion of any rebates or incentives from the power company for electrical conservation. It also provides the opportunity for the power provider to review the operational needs and provide recommendations. This pre-design process helps ensure that Cal Water is designing energy-efficient facilities.

### **Solar Power**

Solar power appears to be a promising technology to allow Cal Water to reduce consumption of fossil fuel-generated electricity. Cal Water has completed the installation of solar power facilities at the Operations Center in Chico. Various remote tank sites have also been equipped with small-scale solar-powered equipment. Cal Water plans to utilize more solar power whenever feasible.

The proposed onsite solar projects at both the Bakersfield Northeast Treatment Plant (PID 133577) and the Customer Support Services Headquarters (PID 133533) are crucial initiatives for Cal Water to address climate change challenges while ensuring operational efficiency and customer benefit. Additionally, district sites are being evaluated for solar electro voltaic charging stations. With the global urgency to combat climate change, California's policies mandating carbon neutrality, and increasing investor and public scrutiny on climate-related actions, these projects align with both regulatory requirements and stakeholder expectations. By implementing onsite solar generation, Cal Water not only contributes to climate mitigation efforts but also enhances energy resilience, reduces long-term energy costs, and demonstrates corporate responsibility. Moreover, the projects offer significant environmental benefits by reducing greenhouse gas emissions, aligning with California's ambitious climate goals. Therefore, investing in these solar projects is imperative for Cal Water to fulfill its commitment to sustainability, resilience, and customer value while staying ahead of regulatory and market expectations in the evolving landscape of climate-related actions.

**Attachment 1-5:  
Purchased Power Rates**

	Cal Water Proposed				Cal Adv Recommended - 5 year average			
	Cost per Kwh	Kwh per Production	TY Production	Expense Forecast	Cost per Kwh	Kwh per Production	TY Production	TY Expense
Antelope Valley	0.104252585	3558.619997	276.200407	\$ 102,469	0.266337667	1409.928021	276.200407	\$ 103,718
Bakersfield	0.28324908	1154.569406	22978.35085	\$ 7,102,225	0.230861499	1238.627306	22978.35085	\$ 6,570,691
Bayshore	0.350422313	355.0732495	8206.63117	\$ 1,021,115	0.261678467	413.7682534	8206.63117	\$ 888,567
Bear Gulch	0.305490359	1038.191294	4612.855058	\$ 1,463,001	0.218610473	1273.919433	4612.855058	\$ 1,284,644
Chico	0.329249231	1153.732524	8312.770734	\$ 3,157,735	0.2527208	1147.274291	8312.770734	\$ 2,410,205
Dixon	0.387405282	1369.727709	491.2120567	\$ 260,657	0.295712944	1411.744626	491.2120567	\$ 205,067
Dominguez	0.16668719	653.9345326	12808.89216	\$ 1,396,201	0.167860526	492.0720495	12808.89216	\$ 1,058,008
East Los Angeles	0.166344323	2061.832577	5563.938404	\$ 1,908,287	0.166740588	1490.95541	5563.938404	\$ 1,383,211
Hermosa Redondo	0.206359937	585.6007366	4166.755368	\$ 503,530	0.208987716	456.767304	4166.755368	\$ 397,753
Kern River Valley	0.235462457	3733.330343	289.9165459	\$ 254,854	0.24691364	3201.630433	289.9165459	\$ 229,187
King City	0.314001382	920.6126658	698.8285344	\$ 202,013	0.216289687	1170.212417	698.8285344	\$ 176,877
Livermore	0.302360272	819.2810835	3479.504236	\$ 861,936	0.225227924	694.9630674	3479.504236	\$ 544,630
Los Altos	0.338689984	844.4629518	4411.800651	\$ 1,261,824	0.239584075	938.7483566	4411.800651	\$ 992,254
Marysville	0.371112997	874.0460846	705.2569953	\$ 228,764	0.249199556	967.3631185	705.2569953	\$ 170,014
Oroville	0.348916537	1085.732246	1073.550196	\$ 406,693	0.287611458	996.2555657	1073.550196	\$ 307,609
Palos Verdes	0.234703082	3110.911825	6527.374076	\$ 4,765,901	0.193728335	2680.367435	6527.374076	\$ 3,389,425
Salinas	0.271657401	1212.671156	6341.32334	\$ 2,089,029	0.202562908	1640.034555	6341.32334	\$ 2,106,652
Selma	0.282607285	1416.103662	1597.903473	\$ 639,483	0.24932645	1393.115121	1597.903473	\$ 555,017
Stockton	0.425300329	138.246802	9096.310117	\$ 534,830	0.376464203	130.1250101	9096.310117	\$ 445,605
Visalia	0.147167934	1173.945661	12312.95509	\$ 2,127,274	0.156437252	1032.261289	12312.95509	\$ 1,988,347
Westlake	0.263360339	631.2997653	2634.849297	\$ 438,068	0.247180081	528.2673727	2634.849297	\$ 344,051
Willows	0.350495857	756.9016926	461.5017999	\$ 122,432	0.25244057	841.6391249	461.5017999	\$ 98,052
Coast Springs	0.341113172	8027.267132	9.383797511	\$ 25,695	0.212870043	10020.37777	9.383797511	\$ 20,016
Lucerne	0.309154777	3522.589643	108.5552015	\$ 118,219	0.260454164	3940.52399	108.5552015	\$ 111,413
Rancho Dominguez	0.195070866	13240.03844	0	\$ 0	0.216951253	12585.67196	0	\$ -
Unified Area	0.302754436	203.5130332	36.6494744	\$ 16,084	0.212726778	254.7504403	36.6494744	\$ 1,986
				\$ 31,008,320				\$ 25,782,997

**Attachment 1-6:  
Purchased Chemicals**


	Cal Water Proposed									Cal Advocates - Include Purchased Water										
	Escalated Cost / CCF					Average 5 Years	Projected TY Cost / CCF	Projected TY Production CCF	Projected	Escalated Cost / CCF					Average 5 Years	Projected TY Cost / CCF	Projected TY Production CCF	Projected		
2019	2020	2021	2022	2023	2019					2020	2021	2022	2023	2019					2020	2021
Antelope Valley	0.02328	0.02826	-0.00090	0.00000	0.00000	0.01013	0.00000	276200.40702	\$	2,948	0.023278442	0.028259	-0.0009	0	0	0.01013	0.000000	276200.40702	\$	0
Bakersfield	0.04846	0.04651	0.06366	0.06823	0.07889	0.06115	0.06838	22978350.84765	\$	1,364,138	0.048458753	0.046513	0.063664	0.068233	0.078891	0.06115	0.068376	22978350.84765	\$	1,571,165
Bayshore	0.01309	0.01705	0.01846	0.01249	0.01769	0.01575	0.01762	8206631.17036	\$	32,864	0.01309249	0.017053	0.018456	0.012486	0.017686	0.01575	0.017616	8206631.17036	\$	144,567
Bear Gulch	0.03084	0.01217	0.01529	0.00869	0.01335	0.01607	0.01797	4612855.05751	\$	6,979	0.030844343	0.012172	0.015288	0.008692	0.013349	0.01607	0.017967	4612855.05751	\$	82,880
Chico	0.01829	0.01781	0.01635	0.02248	0.02687	0.02036	0.02276	8312770.73390	\$	189,217	0.018289871	0.017807	0.016348	0.022476	0.026866	0.02036	0.022762	8312770.73390	\$	189,217
Dixon	0.01580	0.02859	0.02873	0.03437	0.03788	0.02907	0.03251	491212.05670	\$	15,968	0.015795986	0.028586	0.028727	0.034373	0.037885	0.02907	0.032508	491212.05670	\$	15,968
Dominguez	0.01785	0.01270	0.01184	0.01531	0.03143	0.01783	0.01993	10719008.13453	\$	448,855	0.017852723	0.012702	0.011837	0.015308	0.031429	0.01783	0.019932	10719008.13453	\$	213,647
East Los Angeles	0.02972	0.02790	0.09985	0.11899	0.06532	0.06835	0.07643	5550624.40304	\$	382,954	0.029716198	0.027898	0.099846	0.118991	0.06532	0.06835	0.076429	5550624.40304	\$	424,228
Hermosa Redondo	-0.00009	0.01038	0.00894	0.00934	0.01969	0.00965	0.01079	4073142.35962	\$	53,649	-9.22659E-05	0.010383	0.008939	0.009343	0.019686	0.00965	0.010792	4073142.35962	\$	43,957
Kern River Valley	0.50493	0.28898	0.54416	0.36327	0.13554	0.36738	0.41077	289916.54585	\$	119,090	0.504926503	0.288981	0.544163	0.363268	0.135538	0.36738	0.410774	289916.54585	\$	119,090
King City	0.04358	0.04424	0.04100	0.05111	0.05845	0.04768	0.05331	698828.53440	\$	37,253	0.043577194	0.04424	0.041003	0.051112	0.058447	0.04768	0.053308	698828.53440	\$	37,253
Livermore	0.02222	0.01845	0.02079	0.02559	0.02073	0.02156	0.02410	3479504.23555	\$	152,183	0.022215082	0.01845	0.020793	0.025591	0.020733	0.02156	0.024103	3479504.23555	\$	83,866
Los Altos	0.02142	0.02084	0.03617	0.03434	0.03722	0.03000	0.03354	4355199.65534	\$	196,906	0.021423369	0.020841	0.036165	0.034339	0.037219	0.03000	0.033541	4355199.65534	\$	146,079
Marysville	0.04163	0.03399	0.02039	0.04929	0.05485	0.04003	0.04476	705256.99532	\$	31,567	0.041631121	0.033995	0.020391	0.049286	0.054848	0.04003	0.044759	705256.99532	\$	31,567
Oroville	0.04603	0.04303	0.02636	0.08226	0.07560	0.05465	0.06111	1073550.19589	\$	332,585	0.046026213	0.043033	0.026359	0.082258	0.075597	0.05465	0.061111	1073550.19589	\$	65,606
Salinas	0.03716	0.03248	0.02799	0.03247	0.04060	0.03414	0.03818	6341323.33971	\$	242,081	0.037162938	0.032485	0.02799	0.032474	0.040598	0.03414	0.038175	6341323.33971	\$	242,081
Selma	0.01048	0.01085	0.02113	0.01541	0.01799	0.01517	0.01697	1597903.47348	\$	27,111	0.010481044	0.010855	0.021133	0.015409	0.017994	0.01517	0.016967	1597903.47348	\$	27,111
Stockton	0.00284	0.00259	0.00325	0.00392	0.00506	0.00353	0.00395	9096310.11663	\$	55,566	0.002842938	0.002594	0.00325	0.003921	0.005057	0.00353	0.003950	9096310.11663	\$	35,935
Visalia	0.01228	0.01393	0.01770	0.02050	0.02486	0.01786	0.01997	12312955.08946	\$	245,843	0.012277729	0.013933	0.017703	0.020504	0.024864	0.01786	0.019966	12312955.08946	\$	245,840
Willows	0.02048	0.01833	0.01598	0.02245	0.02632	0.02071	0.02316	461501.79987	\$	10,688	0.020483122	0.018328	0.015975	0.022454	0.026318	0.02071	0.023159	461501.79987	\$	10,688
Coast Springs	0.13139	0.00000	0.00000	0.00000	0.00000	0.02628	0.00000	9383.79751	\$	276	0.13139226	0	0	0	0	0.02628	0.000000	9383.79751	\$	0
									\$	3,948,720									\$	3,730,744

**Attachment 1-7:  
Cal Water's Response to Cal Advocates  
Data Request CR8-001, Attachment #10 - Question 7a,  
KCWA INVOICE**

**Kern County Water Agency**  
**Improvement District No. 4**  
**3200 Rio Mirada, Bakersfield, California 93308**  
**Telephone: (661) 634-1400**

**Agency Copy**  
**Semi-Annual**  
**Water Production Statement**  
**For the Period 1/1/2023 through 6/30/2023**

WELL NUMBER 30S/27E-23G51  
  
NAME California Water Service Co.  
ADDRESS 1720 North First Street  
San Jose, CA 95112  
Attn: William Kim

INV: 20230106133	V
	
Worksheet(s) Attached:	

**DUE DATE - This statement MUST be received or postmarked by 7/31/2023**  
This statement is not valid or complete unless it is signed and all worksheets have been attached.  
If assistance is needed in filing, telephone KCWA staff.

Please fill out, sign, and date both pages identically.  
Return Page 1 (Agency Copy) to the above address.  
Retain Page 2 (Owner copy) for your files.

If you do not have a water meter see attached worksheets and complete lines 4 and 5.  
If you have a water meter, determine production on lines 1 through 3, then complete lines 4 and 5.

Line No. <b>Part I Production</b>			
1 ...Water Meter Reading - end of reporting period			If reading is not in acre-feet, PLEASE indicate units.
2 ...Water Meter Reading - beginning of reporting period			
3 ...Total Metered water production (subtract line 2 from line 1)			

	Column A	Column B	Col. A x Col. B
	Water Production (Ac. Ft.)	Unit Rate (\$ / Ac. Ft.)	Column C Amount (\$)
4 ...Non-agricultural water use (see definition in instruction booklet)		\$39.00	
5 ...Agricultural water use (see definition in instruction booklet)		\$19.50	

6 ...Total amount of Column C			
7 ...If this statement is filed after 7/31/2023 multiply line 6 by 10% and enter			
8 ...Interest: multiply line 6 by 1 % for each month or portion of a month after 7/31/2023 that the statment is past due.			
9 ...Thank you for paying your account on time.			
10 ...Total amount of Column "C"			

**PLEASE PAY THIS AMOUNT**

**Part III Declaration and Signature**

I declare under penalty of perjury that the statement made and figures shown on this water production statement and on my accompanying worksheets or statements to this water production statment have been examined by me and are correct to the best of my knowledge and belief.

Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**This Statement is not complete unless signed**

**LIST OF ATTACHMENTS FOR CHAPTER 2**

	<b>Attachment #</b>	<b>Description</b>
1	Attachment 2-1	Cal Water's Response to Cal Advocates Data Request CR8-010; and CR8-010 Attachment #1 - Question 1.b.
2	Attachment 2-2	Cal Water's Final Response to Data Request CR8-004, and Attachment #1 - Question 1a.
3	Attachment 2-3	Cal Water's Response to Cal Advocates Data Request CR8-005, and Attachment 2- Question 1.b.
4	Attachment 2-4	Cal Water's Response to Cal Advocates Data Request CR8-006, and Attachment 1 - Question 1.
5	Attachment 2-5 <b>CONFIDENTIAL</b>	CONFIDENTIAL Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #4 - Question 2c
6	Attachment 2-6 <b>CONFIDENTIAL</b>	CONFIDENTIAL Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #5 - Question 2d
7	Attachment 2-7 <b>CONFIDENTIAL</b>	CONFIDENTIAL Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #6 - Question 2e
8	Attachment 2-8	Cal Water's Response to Cal Advocates Data Request CR8-006 Attachment #2 - Question 3
9	Attachment 2-9	Cal Water's Response to Cal Advocates Data Request CR8-007, and Attachment #1 - Question 1.
10	Attachment 2-10	Cal Water's Response to Cal Advocates Data Request CR8-007 Attachment #4 - Question 4
11	Attachment 2-11	Customer Accounting Non-Recurring Expenses for Removal
12	Attachment 2-12	Cal Water's Response to Cal Advocates Data Request CR8-008
13	Attachment 2-13	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #4 - Question 6.a.ii
14	Attachment 2-14	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #7 - Question 6.g.ii



	<b>Attachment #</b>	<b>Description</b>
15	Attachment 2-15	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #8 - Question 6.g.ii
16	Attachment 2-16	Cal Water's Response to Cal Advocates Data Request CR8-008 Attachment #9 - Question 6.h.ii
17	Attachment 2-17	Contracted Maintenance Non-Recurring Expenses for Removal
18	Attachment 2-18	Exec Director Letter to Water Companies re COVID19 March 17 2020
19	Attachment 2-19	Attorney General Letter
20	Attachment 2-20	Uncollectible Rates

**Attachment 2-1:  
Cal Water's Response to  
Cal Advocates Data Request CR8-010,  
and Attachment #1 - Question 1.b**



**RESPONSE TO DATA REQUEST**

**2024 GENERAL RATE CASE, A.24-07-003**

To: **Public Advocates Office**

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Project Lead

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General Rate Case Manager

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**Melody Singh**  
Manager, Revenue

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<p>Date: <b>November 21, 2024</b>  Re: <b>CR8-010</b>  Subj: <b>Transportation Follow-Up</b></p>	<p>Request Received from CPUC: <b>November 13, 2024</b>  Requested Due Date: <b>November 21, 2024 [7 days]</b></p>
<p>Comments:</p> <ul style="list-style-type: none"> <li>• <b>Full response attached.</b></li> <li>• <b>Response provided by Rates.</b></li> <li>• <b>Does not contain confidential information.</b></li> <li>• <b>This response refers to the following attachments included separately:</b> <ul style="list-style-type: none"> <li>○ <b>CR8-010 Attachment #1 – Question 1.b</b></li> </ul> </li> </ul>	



**Data Requests and Responses**

**Additional Vehicles:**

1. Please refer to Cal Water’s workpaper “CH05\_OM\_FDR\_Other AG”, tab: “SD\_Additional Vehicles”, column: D.
  - a. Please provide the PID for each of the complement vehicles. If there are multiple PIDs for the vehicle, please provide each PID and the number of vehicles for each one.

**Response:**

<b>BAY</b>	<b>134769</b>	<b>Locator (Sub-structure locating technician (SSLT))</b>
		<b>Superintendent</b>
<b>BG/LAS</b>	<b>134775</b>	<b>Foreman – Pump &amp; Control Valve</b>
<b>BKD</b>	<b>134719</b>	<b>Regional Cross Connection Control Specialist (half ton truck)</b>
		<b>Regional Cross Connection Control Specialist (half ton truck)</b>
		<b>Regional Cross Connection Control Specialist (half ton truck)</b>
		<b>SCADA CPO / OPS Clerk (half ton truck)</b>
		<b>Leak Truck Foreman (leak truck)</b>
		<b>Foreman Flushing and Valve Maintenance (flushing/valve truck)</b>
		<b>Utility Worker (half ton truck)</b>
		<b>Operator in Training (half ton truck)</b>
<b>CH</b>	<b>134774</b>	<b>Chico’s Utility Relief CPO</b>
		<b>Operator in Training (CH &amp; ORO)</b>
<b>CSS</b>	<b>134646</b>	<b>Talent Acquisition Manager/Specialist</b>
		<b>Real Estate Acquisition Program Manager</b>
		<b>Regional Community Affairs Manager</b>
<b>LAS</b>	<b>134768</b>	<b>Utility Worker</b>
		<b>Utility Worker</b>
<b>LIV</b>	<b>134776</b>	<b>Sub-Structure Locating Technician (SSLT)</b>
		<b>Foreman - Construction &amp; Ops</b>
<b>VIS</b>	<b>134771</b>	<b>Foreman - Leak Truck</b>
		<b>Regional OMW - VAC</b>

- b. If there are complement vehicles without an associated PID, please list them and explain why for each.

**Response: The response to question 1 part a. captures all known proposed complements that require vehicles. While gathering the PIDs for the response above, Cal Water noticed that not all vehicles were included in the “SD\_Additional Vehicles” tab and in some cases the proposed count of complement vehicles. Please see “CR8-010 Attachment #1 – Question 1.b” for the corrected number of**



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-010 Response (2024 GRC, A.24-07-003) –Page 3

**vehicles that should be in the tab labeled “SD\_Additional Vehicles” in the CH05\_OM\_FDR\_Other AG file.**

2. Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section A “Transportation.” In Excel format, please provide the number of vehicles in each of the below-listed district fleets’, for years 2019-2023 and 2024 to-date.
  - a. Dominguez  
**Response: All vehicles for Dominguez, Hermosa Redondo and Palos Verdes are purchased under Department 151, Rancho Dominguez, and allocated across the sub-districts by four-factor. Most of the vehicles in Rancho Dominguez are used across the districts, which makes it difficult to break out an exact number of vehicles by area. Please see “CR8-004 Attachment #1 - Question 1a” for the number of vehicles in department 151 from 2019 to 2024.**
  - b. Hermosa Redondo  
**Response: Please see the response to question 2 part a.**
  - c. Palos Verdes  
**Response: Please see the response to question 2 part a.**
  - d. Coast Springs  
**Response: Please see the response to question 2 part e.**
  - e. Lucerne  
**Response: While all systems in Redwood Valley are relatively distant from each other, Coast Springs and Unified are not too far apart. However, Lucerne is roughly 90 minutes from the closest Redwood Valley system. Lucerne primarily uses three vehicles. The remaining number of vehicles are utilized for both Coast Springs and Unified. Please see “CR8-004 Attachment #1 - Question 1a” for the number of vehicles in department 146 from 2019 to 2024.**
  - f. Unified Area  
**Response: Please see the response to question 2 part e.**



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- [1] paid for with the Conservation budget
- [2] costs offset by temps previously in place, hiring ft position requires additional funds for benefits but not for payroll
- [3] capital amounts are shared payroll with CBK
- [4] RDC

**Attachment 2-2:  
Cal Water's Final Response to  
Data Request CR8-004, and  
Attachment #1 - Question 1a**





**CALIFORNIA WATER SERVICE COMPANY**

Data Request CR8-004 FINAL Response (2024 GRC, A.24-07-003) –Page 1

**RESPONSE TO DATA REQUEST**

**2024 GENERAL RATE CASE, A.24-07-003**

To: **Public Advocates Office**

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Date: <b>September 26, 2024</b> Re: <b>CR8-004</b> Subj: <b>Transportation</b>	Request Received from CPUC: <b>September 16, 2024</b> Requested Due Date: <b>September 23, 2024 [7 days]</b> <b>Extension Requested to: September 26, 2024</b>
Comments: <ul style="list-style-type: none"> <li>• <b>Second and final response. Additions are in blue font.</b></li> <li>• <b>Response provided by Rates.</b></li> <li>• <b>Does not contain confidential information.</b></li> <li>• <b>This response refers to the following attachments included separately:</b> <ul style="list-style-type: none"> <li>○ <b>CR8-004 Attachment #1 – Question 1a</b></li> <li>○ <b>CR8-004 Attachment #2</b></li> <li>○ <b>CR8-004 Attachment #3 - Question 2.d.iii</b></li> </ul> </li> </ul>	



## Data Requests and Responses

### Transportation

1. Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section A “Transportation.”
  - a. In Excel format, please provide the number of vehicles in each CWS district’s fleet, for years 2019-2023 and 2024 to-date.  
**Response: Please note that this question should refer to Chapter 5 in Testimony Book #1. See CR8-004 Attachment #1 – Question 1a for the number of vehicles from 2019 to 2024 by district.**
  - b. In the Excel sheet response to question 1.a., please include the number of vehicles, if any, designated to Cal Water's Customer Support Services.  
**Response: Please refer to district 330 in CR8-004 Attachment #1 – Question 1a for the number of vehicles from 2019 to 2024.**
2. Please refer to source data entries for Transportation – Operating (SOE01-07) expenses in Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp,” tab “SD\_Rec O&M.”

**Response: When reviewing Cal Water’s responses to all questions please keep in mind the following concepts:**

1. In general, transportation expenses are comprised of expenses such as vehicle maintenance, registration renewal and other dmv fees, fuel purchases, auto insurance, collision repairs, vehicle rentals and leases, and depreciation on vehicles.
  2. The allocation of transportation expenses among Operation Expense, Maintenance Expense and A&G Expense is primarily determined by how individual drivers allocate their time. Please note that transportation expenses generally trend in the same direction across these categories, unless an employee makes an adjustment to their vehicle allocation.
  3. Cal Water implemented new depreciation rates in 2020 as a result of the 2018 GRC and again in 2023 as a result of the 2021 GRC. These changes to the depreciation rates will cause fluctuations in depreciation expense even in cases where there is no change to the number of vehicles in a respective district.
- a. From 2022 to 2023, Antelope Valley Transportation – Operating expenses increased from \$32,056 to \$77,342 (141%).
    - i. Was the 141% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
    - ii. If the increase is not associated with capital projects or new complements, then please explain the reason(s) for the increase.  
**Response: The increase appears to be driven by the change in depreciation rates, as discussed above.**





## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-004 FINAL Response (2024 GRC, A.24-07-003) –Page 4

- e. From 2018 to 2019, Transportation – Operating expenses for Coast Springs increased from \$4,763 to \$6,596 (38%).
    - i. Was the 38% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
    - ii. If the increase is not associated with capital projects or new complements, then please explain the reasons for the increase.  
**Response: The increase is due to additional miles driven.**
    - iii. Please provide, in Excel format, the general ledger transaction details for the Coast Springs SOE01-07 expense account in 2018 and 2019.  
**Response: Please see CR8-004 Attachment #2.**
  - f. From 2018 to 2019, Transportation – Operating expenses for Lucerne increased from \$25,200 to \$34,844 (38%), with another 38% increase from 2019 to 2020 (\$34,844 to \$48,335).
    - i. Was either 38% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
    - ii. If the increases were not associated with capital projects or new complements, then please explain the reasons of the increase.  
**Response: The increase is due to additional miles driven.**
    - iii. Please provide, in Excel format, the general ledger transaction details for the Lucerne SOE01-07 expense account in 2018, 2019 and 2020.  
**Response: Please see CR8-004 Attachment #2.**
  - g. From 2018 to 2019, Transportation – Operating expenses for Unified Area 38% increased from \$10,172 to \$14,082 (38%).
    - i. Was the 38% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
    - ii. If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.  
**Response: The increase is due to additional miles driven.**
    - iii. Please provide, in Excel format, the general ledger transaction details for the Unified Area SOE01-07 expense account in 2018 and 2019.  
**Response: Please see CR8-004 Attachment #2. Departments 148 and 150 combined are the Unified area.**
3. Please refer to the source data entries for SOE02-02 Transportation – Maintenance expenses in Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp,” tab “SD\_Rec O&M.”



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-004 FINAL Response (2024 GRC, A.24-07-003) –Page 5

- a. From 2018 to 2019, Antelope Valley Transportation – Maintenance expenses increased from \$4,918 to \$15,455 ( 214%). From 2022 to 2023, these expenses increased from \$22,737 to \$64,886 (185% increase).
- Was either increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
  - If the increases are not associated with capital projects or new complements, then please explain the reasons for the increases.  
**Response: The increase between 2018 and 2019 is due to additional equipment installation purchased for vehicles and increased vehicle maintenance. See question 2.a.ii for the increase reason between 2022 and 2023.**
  - Please provide, in Excel format, the general ledger transaction details for the Antelope Valley SOE02-02 expense account in 2018, 2019, 2022 and 2023.  
**Response: Please see CR8-004 Attachment #2.**
- b. From 2020 to 2021, Kern River Valley Transportation – Maintenance expenses increased from \$1,738 to \$7,221 (315%).
- Was the 315% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
  - If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.  
**Response: The increase is due to additional miles driven.**
  - Please provide, in Excel format, the general ledger transaction details for the Kern River Valley SOE02-02 expense account in 2020 and 2021.  
**Response: Please see CR8-004 Attachment #2.**
- c. From 2020 to 2021, King City Transportation – Maintenance expenses increased from \$16,600 to \$28,556 (72%).
- Was the 72% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Updated Response: No.**
  - If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.  
**Updated Response: As discussed above prior to question 2, the allocation of transportation charges can vary by year between maintenance and operation, which is the case for King City’s transportation expenses between 2020 and 2021. On a total, the transportation expenses decreased, as shown below.**



# CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-004 FINAL Response (2024 GRC, A.24-07-003) –Page 6

Account Description	SOE Identifier	2020	2021
Transportation - Maintenance	SOE02-02	16,600	28,557
Transportation - Operating	SOE01-07	30,647	15,625
<b>Total</b>		<b>47,248</b>	<b>44,181</b>

iii. Please provide, in Excel format, the general ledger transaction details for the King City SOE02-02 expense account in 2020 and 2021.

**Response: Please see CR8-004 Attachment #2.**

d. From 2021 to 2022, Los Altos Transportation – Maintenance expenses increased from \$52,913 to \$97,648 (84%).

i. Was the 84% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.

**Updated Response: No.**

ii. If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.

**Updated Response: The increase is primarily due to an increase in fuel.**

iii. Please provide, in Excel format, the general ledger transaction details for the Los Altos SOE02-02 expense account in 2021 and 2022.

**Response: Please see CR8-004 Attachment #2.**

e. From 2018 to 2019, Oroville Transportation – Maintenance expenses increased from \$5,553 to \$17,328 (212%), and from \$17,147 to \$31,985 (86%) from 2021-2022.

i. Was either increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.

**Response: No.**

ii. If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.

**Response: The increase between 2018 and 2019 is primarily due to vehicle maintenance. The increase between 2021 and 2022 is due to an increase in miles.**

iii. Please provide, in Excel format, the general ledger transaction details for the Oroville SOE02-02 expense account in 2018, 2019, 2021 and 2022.

**Response: Please see CR8-004 Attachment #2.**

f. From 2021 to 2022, Willows Transportation – Maintenance expenses increased from \$6,056 to \$12,577 (107%).

i. Was the 107% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.

**Updated Response: No.**



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-004 FINAL Response (2024 GRC, A.24-07-003) –Page 7

- ii. If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.  
**Updated Response: The increase is primarily due to an increase in fuel.**
  - iii. Please provide, in Excel format, the general ledger transaction details for the Willows SOE02-02 expense account in 2021 and 2022.  
**Response: Please see CR8-004 Attachment #2.**
- g. From 2019 to 2020, Lucerne Transportation – Maintenance expenses increased from \$13,975 to \$25,051 (79%).
  - i. Was the 79% increase associated with capital projects and/or new complements? If yes, please explain and provide the expense allocation and breakdown.  
**Response: No.**
  - ii. If the increase is not associated with capital projects or new complements, then please explain the reasons of the increase.  
**Response: The increase is primarily due to an increase in fuel costs and vehicle maintenance.**
  - iii. Please provide, in Excel format, the general ledger transaction details for the Lucerne SOE02-02 expense account in 2019 and 2020.  
**Response: Please see CR8-004 Attachment #2.**

**CALIFORNIA WATER SERVICE COMPANY  
DATA REQUEST CR8-004 (TRANSPORTATION)  
QUESTION 1.a**

<b>Dist</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
330	100	116	187	192	206	169
101	67	75	145	149	145	113
102	23	25	43	43	41	37
104	25	28	48	49	51	42
105	4	4	3	3	4	6
106	30	33	46	50	52	47
109	2	3	2	3	3	4
110	14	12	18	21	18	18
111	118	22	36	35	29	30
112	4	2	7	10	10	7
113	9	8	11	11	11	10
114	33	32	58	58	58	44
117	6	6	11	12	11	8
119	32	39	66	61	64	50
120	27	38	59	64	63	51
121	1	2	6	6	5	4
123	5	6	13	14	14	10
129	5	5	7	7	7	6
134	7	10	13	15	16	11
146	4	5	15	13	13	9
151	75	64	145	159	146	116
152	27	34	66	74	66	54
157	6	6	1	1	1	6



**Attachment 2-3:  
Cal Water's Response to Cal Advocates  
Data Request CR8-005, and  
Attachment 2- Question 1.b.**



**RESPONSE TO DATA REQUEST**

**2024 GENERAL RATE CASE, A.24-07-003**

To: **Public Advocates Office**

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<p>Date: <b>September 23, 2024</b>  Re: <b>CR8-005</b>  Subj: <b>Postage</b></p>	<p>Request Received from CPUC: <b>September 16, 2024</b>  Requested Due Date: <b>September 23, 2024 [7 days]</b></p>
<p>Comments:</p> <ul style="list-style-type: none"> <li>• <b>Full response attached.</b></li> <li>• <b>Response provided by Rates.</b></li> <li>• <b>Does not contain confidential information.</b></li> <li>• <b>This response refers to the following attachments included separately:</b> <ul style="list-style-type: none"> <li>○ <b>CR8-001 Attachment #1 - Question 1.a.iii</b></li> <li>○ <b>CR8-001 Attachment #2 - Question 1b</b></li> <li>○ <b>CR8-001 Attachment #3 - Question 3</b></li> </ul> </li> </ul>	



**Data Requests and Responses**

**Postage**

1. Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section B “Postage,” on page 63.

a. Cal Water states that it “estimates postage expense by calculating postage cost per service using 2023 recorded postage expenses divided by 2023 recorded number of services.”

i. Please indicate whether “2023 recorded number of services” refers to an end-of-year total number of services, or a recorded average number of services.

**Response: The 2023 recorded number of services refers to the end of year total number of services.**

ii. Did Cal Water include all revenue classes of services in its calculation for each district? If not, please indicate which classes were excluded.

**Response: The recorded number of services includes all revenue classes.**

iii. Please fill out Attachment 1 of this request with the recorded 2023 services (Column D) and the forecasted 2026 services (Column I) that Cal Water used to arrive at the TY 2026 total postage forecasts. For any districts that do not match the 2026 total postage forecast, please explain the discrepancy.

**Response: Please see “CR8-001 Attachment #1 - Question 1.a.iii” for the recorded 2023 services and forecasted 2026 services. There are no discrepancies from the forecasted amount located in the tab labeled “Postage Exp WS-1” in the CH05\_OM\_FDR\_Other AG file.**

b. Cal Water also states that it calculated the test year postage expense by multiplying the test year postage cost per service “by 5.43% to adjust for the increase in the postage rate between 2023 and 2024,” then multiplying by the forecast number of services. Please explain how Cal Water determined the 5.43% adjustment factor and provide sources supporting this increase.

**Response: Please see “CR8-001 Attachment #2 - Question 1b” for the 2023 and 2024 postage rates. The January 2023 postage rate was \$0.63 and changed in July 2023 to \$0.66. Cal Water used the average, or mid-point, of these rates to calculate a normalized postage rate of \$0.645 for 2023. The 5.43% is the increase from this 2023 normalized rate to January 2024’s rate of \$0.68.**

2. Please provide Cal Water’s bulk mail postage rate and the bulk mail percentage of all mail sent.

**Response: Roughly, 98% of Cal Water’s mail is considered bulk mail. Direct mail postage for anything under 500 quantity mails at the full first class rate is currently at 73 cents per piece, however, the discounted rate for over 500 pieces presort for automated mailing is between 54.5 cents to 62.2 cents per piece.**



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-005 Response (2024 GRC, A.24-07-003) –Page 3

3. Referring to Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp,” tab “SD\_Rec O&M,” specifically the source data entries for the account SOE01-06, please provide (in Excel format) the 2022 and 2023 general ledger transaction details for the SOE01-06 expense account in following districts:
  - a. Bakersfield
  - b. Bayshore
  - c. Dominguez
  - d. East Los Angeles
  - e. Hermosa Redondo
  - f. Livermore
  - g. Palos Verdes
  - h. Visalia

**Response: Please see *CR8-001 Attachment #3 - Question 3* for the 2022 and 2023 general ledger transaction details for the SOE01-06 summary of earnings key for the districts listed above.**

## Rates for Domestic Letters Since 1863

Effective Date	Postage in Cents, per ½ Ounce
July 1, 1863	3
October 1, 1883	2

Effective Date	Postage in Cents, per Ounce <sup>[1]</sup>
July 1, 1885	2
November 2, 1917	3
July 1, 1919	2
July 6, 1932	3
August 1, 1958	4
January 7, 1963	5
January 7, 1968	6
May 16, 1971	8
March 2, 1974	10
December 31, 1975	13
May 29, 1978	15
March 22, 1981	18
November 1, 1981	20
February 17, 1985	22
April 3, 1988	25
February 3, 1991	29
January 1, 1995	32
January 10, 1999	33
January 7, 2001	34
June 30, 2002	37
January 8, 2006	39
May 14, 2007	41
May 12, 2008	42
May 11, 2009	44
January 22, 2012	45
January 27, 2013	46
January 26, 2014	49

Effective Date	Postage in Cents, per Ounce <sup>[1]</sup>
April 10, 2016	47
January 22, 2017	49
January 21, 2018	50
January 27, 2019	55
August 29, 2021	58
July 10, 2022	60
January 22, 2023	63
July 9, 2023	66
January 21, 2024	68

<sup>1</sup> Beginning September 14, 1975, additional ounces were charged a lower rate; the prices listed in this table are for the first ounce. Since July 15, 1979, a surcharge has been added for non-standard envelope sizes.

HISTORIAN  
 UNITED STATES POSTAL SERVICE  
 FEBRUARY 2024



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**Attachment 2-4:  
Cal Water's Response to Cal Advocates Data Request  
CR8-006, and Attachment 1 - Question 1**



PARTIAL RESPONSE TO DATA REQUEST
2024 GENERAL RATE CASE, A.24-07-003

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Table with 2 columns: Metadata (Date, Re, Subj) and Request/Comments. Includes a bulleted list of comments regarding the response and attachments.





- **CONFIDENTIAL**\_CR8-006 Attachment #5 - Question 2d
- **CONFIDENTIAL**\_CR8-006 Attachment #6 - Question 2e
- CR8-006 Attachment #7 - Question 2f
- **CONFIDENTIAL** CR8-006 Attachment #8 - Question 2g

### Data Requests and Responses

#### Source of Supply:

1. Please refer to Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab “SD\_Rec O&M”.
  - a. Attachment 1 to this Data Request includes a segment of purchased services for source of supply (SOE01-10) annual totals from Cal Water’s workpaper for 2019-2023. Please provide, in Excel format, the General Ledger to support all visible cell entries in the tab: Source of Supply in Attachment 1.

**Response: Please see CR8-006 Attachment #1 - Question 1.**

2. Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section D “Source of Supply” and Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments.”

- a. Please list all Cal Water ratemaking districts located in medium or high priority sub-basins, as defined by SGMA.

**Response:**

**High Priority sub-basins: Chico, Hamilton City, Willows, Stockton, Los Altos, Salinas, Selma, Visalia (Visalia, Tulco, Mullen), and Bakersfield.**

**Please note that Stockton, Selma, Visalia (Visalia, Tulco, Mullen) and Bakersfield are also considered part of Critically Overdrafted sub-basins.**

**Medium Priority sub-basins: Oroville, Marysville, Dixon, Livermore, Salinas (Salinas Hills), and King City.**

- b. Page 66 of the testimony states Cal Water anticipates expenses related to the Sustainable Groundwater Management Act (“SGMA”) for customer support services. Please list all of the ratemaking districts which require water reuse memberships.

**Response: Page 66 of Testimony Book #1 states “CSS Expense Projects – Cal Water includes anticipated expenses for SGMA technical advisory committee support, alternative water/groundwater banking, water reuse membership renewal and annual water supply and demand assessments that are above amounts reflected in recorded expenses and not captured in the five-year average.” The SGMA technical advisory committee expenses are addressed below in part 2.d of this question.**

- c. In its workpaper, Cal Water inputted \$150,000 for SGMA General Support in Cell N43. Please provide all calculations, in Excel format, that Cal Water used to arrive at this value. If any previous invoices or other records were used, please provide those as well in pdf format.

**Response: The SGMA has moved forward since 2014, and the Groundwater Sustainability Agencies (GSAs) have started to implement the Groundwater Sustainability Plans (GSPs) for the basins that Cal Water pumps water from. Given**



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-006 Response (2024 GRC, A.24-07-003) –Page 3

the changing needs of GSP releases and review, and the threat of some of the subbasins going into probationary status, Cal Water has needed to pursue outside technical help to be aware of the changes to the GSPs, and to evaluate the potential supply reductions that the GSAs may implement. In 2023, Cal Water received a proposal for SGMA support services that had a base cost of \$148,300 (see attachment CONFIDENTIAL\_CR8-006 Attachment #4 - Question 2.c). This proposal included technical evaluation work of the Critically Overdrafted, High, and Medium priority subbasins, as well as attendance of GSA water accounting meetings, and general as-needed SGMA support. This proposal was seen as a good estimate of the potential SGMA general support costs that would be seen going forward for any and all districts requiring SGMA support. The \$148,300 value was rounded to \$150,000 and the same value was used for 2026-2028 without escalation as this is seen as the likely maximum value of support needed per year going forward.

- d. In its workpaper, Cal Water inputted \$99,308 for SGMA Technical Advisory Committee Support in Cell N44. This inputted value is the sum of 94500, 99225, and 104200, amortized over a three-year period. Please provide all calculations, in Excel format, that Cal Water used to arrive at the three values summed. If any previous invoices or other records were used, please provide those as well in pdf format.

**Response:** The SGMA created GSAs that meet regularly to discuss the creation and implementation of GSPs, and to discuss the on-going management of the groundwater basin. In most regions there is a GSA Board, but there is also typically a Technical Advisory Committee (TAC) or Advisory Committee (AC) made of the parties who pump from the basin who evaluate the same material and provide recommendations to the GSA Board. Given the number of different GSAs that Cal Water's districts fall into, and thus the number of TAC and ACs for each basin, Cal Water attends some meetings using in-house staff, and other meetings through consultant attendance. These consultants attend the meetings and provide information back to Cal Water on the discussions and the impacts. The values for 2026-2028 are based on a \$90,000 estimate for 2024 costs. The \$90,000 cost is broken into three components; support for the Salinas GSA TACs, support for the Visalia GSA AC, and then support for an additional GSA TAC in a district that can't be covered by internal staff. An initial quote from a consultant for the Salinas GSA TAC is attached, see file CONFIDENTIAL\_CR8-006 Attachment #5 - Question 2d, and is for \$59,954 (rounded to \$60,000) to attend up to 8 TAC meetings with follow up summary documentation. These values include travel time to reach the more remote area where the GSA is located. This yields a cost of approximately \$1600 per meeting. Applying this value for monthly meetings in another district yields \$19,200. Cal Water also uses a former retired employee, now consultant, to attend the monthly meetings locally in Visalia at a cost of \$12,600 a year. These combined estimated costs (\$60,000, \$19,200, plus 12,600) were rounded down to \$90,000 as the base estimate for TAC/AC costs for 2024, and were then escalated 5% per year to obtain values for 2026-2028.



## CALIFORNIA WATER SERVICE COMPANY

Data Request CR8-006 Response (2024 GRC, A.24-07-003) –Page 4

- e. In its workpaper, Cal Water inputted \$300,000 for Alternative Water/Groundwater Banking in Cell N45. Please provide all calculations, in Excel format, that Cal Water used to arrive at this value. If any previous invoices or other records were used, please provide those as well in pdf format.

**Response: Cal Water has actively been looking at opportunities for alternative supply sources in the California districts to help with water supply reliability. Often the potential projects for alternative water and groundwater banking require feasibility studies to understand the potential supply volumes and the considerations for future design and construction. Cal Water received a quote for a recycled water feasibility study for ~\$111,000 (\$110,890 for the Los Altos Recycled Water Feasibility Study attached as file CONFIDENTIAL\_CR8-006 Attachment #6 - Question 2e. Given the highly variable cost of these studies due to the district and area involved, the scope, and the consultant hours, this value was rounded to \$150,000 for a comprehensive study. The budget number of \$300,000 considers two of these equivalent studies in two districts.**

- f. In its workpaper, Cal Water inputted \$21,202 for Water Reuse Membership Renewal in Cell N46. This inputted value is the sum of 20176, 21185, and 22245, amortized over a three-year period. Please provide all calculations, in Excel format, that Cal Water used to arrive at the three values summed. If any previous invoices or other records were used, please provide those as well in pdf format.

**Response: The initial value of \$18,300 was the invoice value for 2023 (attached as file CR8-006 Attachment #7 - Question 2f and rounded to \$18,300 from \$18,291). This value was then escalated 5% for 2025, which was then escalated 5% per year for 2026-2028. Please note that the invoice incorrectly showed the San Diego Chapter Member. This was brought up as an error and will be changed for next year's invoice. This membership is available for all California Water Service districts.**

- g. In its workpaper, Cal Water inputted \$152,947 for Annual Water Supply & Demand Assessments in Cell N87. This inputted value is the sum of 145530, 152810, and 160500, amortized over a 3 year period. Please provide all calculations, in Excel format, that Cal Water used to arrive at the three values summed. If any previous invoices or other records were used, please provide those as well in pdf format.

**Response: The original estimate of cost for the Annual Water Supply & Demand Assessments (AWSDAs) came from the attached, see file as file CONFIDENTIAL\_CR8-006 Attachment #8 - Question 2g, cost estimate for 2024 for \$131,700, rounded to \$132,000. This value was then escalated 5% per year to get a value for 2025, which was then escalated 5% per year to get values for 2026-2028. From 2022-2024 the cost of the AWSDAs was split between the Water Resources and Conservation departments. The AWSDAs were a new process as of 2022 and included elements both from Water Resources and Conservation. It has become clear that the AWSDAs include more Water Resources related elements, and that this process will continue to be required yearly indefinitely. As such, it is more appropriate for the Water Resources Department to over the full expense cost of**



**these assessments. The 2026-2028 costs show the full amount going to Water Resources, and are escalated up 5% per year from the \$132,000 cost in 2024.**

**Pumping:**

3. Please refer to Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab “SD\_Rec O&M”.
  - a. Attachment 1 of this request contains a segment of purchased services for pumping (SOE01-11) annual totals from Cal Water’s workpaper for 2019-2023. Please provide, in Excel format, the General Ledger to support all visible cell entries in the tab: Pumping in Attachment 1.  
**Response: Please see CR8-006 Attachment #2 - Question 3.**
4. Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section E “Pumping” and Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments”.
  - a. Page 68 of the reports states savings associated with Cal Water’s Advanced Metering Infrastructure are discussed in its Common Plant Justification book. Please provide the page number in the Common Plant Justification which supports the costs savings for Bayshore, Bera Gulch, Los Altos, Los Angeles County region and Westlake.
    - i. If there is no supporting analysis in the Common Plant Justification book supporting the reductions for the districts in Cal Water’s workpapers, please provide analysis which does so. Please provide it in Excel format.  
**Response: Page 146 of the project justification states that more detail on Advanced Metering Infrastructure (“AMI”) program costs and benefits are presented in the direct testimony of Tricia Anklan. Tricia Anklan's testimony can be found in Attachment E of Cal Water's Testimony Book #3. The discussion of the program's projected costs and savings can be found on pages 12-18 of Attachment E.**

**For a discussion on how AMI is incorporated into ratemaking, please refer to the direct testimony of Todd Pray (Testimony Book #3, Attachment G). Attachment G specifically addresses the differences between West Monroe’s model and Cal Water’s Results of Operations model (“ROM”). Please refer to **CONFIDENTIAL** CR8-006 Attachment #3\_AMI Model which contains the West Monroe AMI Business Case Analysis Model and the method of extracting the expense inputs for ROM.**

Unit	Line	Date	Journal ID	Dept	Account	Amount	Line #	Project	Stat Amt	Stat
CWSCO	2022-04-0	51NA	101	702000	1200	4			0	
CWSCO	2022-04-0	04NA	101	702000	770.62	4			0	
CWSCO	2022-04-0	24NA	101	702000	13.03	19			0	
CWSCO	2022-04-0	24NA	101	702000	695.19	17			0	
CWSCO	2022-04-0	24NA	101	702000	68.31	3			0	
CWSCO	2022-12-3	XPO02630	102	702000	9000	1159			0	
CWSCO	2022-12-3	XPO02630	102	702000	7900	1084			0	
CWSCO	2022-12-0	XPO02611	102	702000	-9000	1222			0	
CWSCO	2022-12-0	XPO02611	102	702000	-7900	1137			0	
CWSCO	2022-11-3	XPO02611	102	702000	9000	1222			0	
CWSCO	2022-11-3	XPO02611	102	702000	7900	1137			0	
CWSCO	2022-11-0	XPO02592	102	702000	-9000	1363			0	
CWSCO	2022-11-0	XPO02592	102	702000	-7900	1281			0	
CWSCO	2022-10-3	XPO02592	102	702000	9000	1363			0	
CWSCO	2022-10-3	XPO02592	102	702000	7900	1281			0	
CWSCO	2022-10-0	XPO02572	102	702000	-7900	1359			0	
CWSCO	2022-09-3	XPO02572	102	702000	7900	1359			0	
CWSCO	2022-02-0	RA002414	102	702000	-8693.52	23			0	
CWSCO	2022-01-3	RA002414	102	702000	8693.52	23			0	
CWSCO	2022-01-0	RA002395	102	702000	-8693.52	23			0	
CWSCO	2022-08-0	EXPC0731	102	702000	-598	770			0	
CWSCO	2022-08-0	EXPC0731	102	702000	-1047.55	769			0	
CWSCO	2022-07-3	EXPC0731	102	702000	1047.55	769			0	
CWSCO	2022-07-3	EXPC0731	102	702000	598	770			0	
CWSCO	2022-08-1	EXP02536	102	702000	1047.55	35			0	
CWSCO	2022-08-1	EXP02536	102	702000	598	33			0	
CWSCO	2022-03-2	EXP02446	102	702000	958.34	3			0	
CWSCO	2022-03-2	EXP02446	102	702000	389.47	1			0	
CWSCO	2022-05-0	APA04302	102	702000	-5099.24	1029			0	
CWSCO	2022-05-0	APA04302	102	702000	-598.98	1004			0	
CWSCO	2022-04-3	APA04302	102	702000	5099.24	1029			0	
CWSCO	2022-04-3	APA04302	102	702000	598.98	1004			0	
CWSCO	2022-12-2	AP002624	102	702000	110.2	612			0	
CWSCO	2022-12-2	AP002624	102	702000	71.65	611			0	
CWSCO	2022-12-2	AP002624	102	702000	115.99	610			0	
CWSCO	2022-12-2	AP002624	102	702000	188.41	609			0	
CWSCO	2022-12-2	AP002624	102	702000	15.74	608			0	
CWSCO	2022-12-0	AP002616	102	702000	1.54	548			0	
CWSCO	2022-12-0	AP002613	102	702000	76800	420			0	
CWSCO	2022-12-0	AP002613	102	702000	12105	419			0	
CWSCO	2022-11-2	AP002609	102	702000	145.78	848			0	
CWSCO	2022-11-2	AP002609	102	702000	89.48	847			0	
CWSCO	2022-11-2	AP002609	102	702000	131.27	846			0	

CWSCO	2022-11-2	AP002609	102	702000	214.56	845	0
CWSCO	2022-11-2	AP002609	102	702000	2.39	842	0
CWSCO	2022-11-0	AP002594	102	702000	2.02	518	0
CWSCO	2022-10-2	AP002589	102	702000	7.12	811	0
CWSCO	2022-10-2	AP002589	102	702000	191.93	810	0
CWSCO	2022-10-2	AP002589	102	702000	73.09	809	0
CWSCO	2022-10-2	AP002589	102	702000	214.22	808	0
CWSCO	2022-10-2	AP002589	102	702000	48.25	807	0
CWSCO	2022-10-0	AP002575	102	702000	13.45	530	0
CWSCO	2022-10-0	AP002575	102	702000	2.02	529	0
CWSCO	2022-09-2	AP002565	102	702000	26.58	711	0
CWSCO	2022-09-2	AP002565	102	702000	10.64	710	0
CWSCO	2022-09-2	AP002565	102	702000	494.61	709	0
CWSCO	2022-09-2	AP002565	102	702000	82.03	708	0
CWSCO	2022-09-2	AP002565	102	702000	304.33	707	0
CWSCO	2022-09-2	AP002565	102	702000	140.93	706	0
CWSCO	2022-09-0	AP002556	102	702000	12.82	542	0
CWSCO	2022-09-0	AP002556	102	702000	2.02	541	0
CWSCO	2022-08-2	AP002547	102	702000	95.14	541	0
CWSCO	2022-08-2	AP002547	102	702000	43.74	540	0
CWSCO	2022-08-2	AP002547	102	702000	415.47	539	0
CWSCO	2022-08-2	AP002547	102	702000	66.82	538	0
CWSCO	2022-08-2	AP002547	102	702000	210.84	537	0
CWSCO	2022-08-2	AP002547	102	702000	141.35	536	0
CWSCO	2022-08-1	AP002537	102	702000	12.82	463	0
CWSCO	2022-08-1	AP002537	102	702000	1.7	462	0
CWSCO	2022-07-2	AP002529	102	702000	410.53	851	0
CWSCO	2022-07-2	AP002529	102	702000	71.91	850	0
CWSCO	2022-07-2	AP002529	102	702000	236.66	849	0
CWSCO	2022-07-2	AP002529	102	702000	134.21	848	0
CWSCO	2022-07-2	AP002529	102	702000	82.99	853	0
CWSCO	2022-07-2	AP002529	102	702000	42.71	852	0
CWSCO	2022-07-0	AP002514	102	702000	13.45	472	0
CWSCO	2022-07-0	AP002514	102	702000	2.03	471	0
CWSCO	2022-06-2	AP002506	102	702000	121.48	751	0
CWSCO	2022-06-2	AP002506	102	702000	104.73	756	0
CWSCO	2022-06-2	AP002506	102	702000	59.18	755	0
CWSCO	2022-06-2	AP002506	102	702000	325.58	754	0
CWSCO	2022-06-2	AP002506	102	702000	69.02	753	0
CWSCO	2022-06-2	AP002506	102	702000	196.33	752	0
CWSCO	2022-06-0	AP002496	102	702000	12.37	596	0
CWSCO	2022-06-0	AP002496	102	702000	1.97	595	0
CWSCO	2022-05-2	AP002487	102	702000	92.86	631	0
CWSCO	2022-05-2	AP002487	102	702000	51.44	630	0

CWSCO	2022-05-2	AP002487	102	702000	202.79	629	0
CWSCO	2022-05-2	AP002487	102	702000	61.2	628	0
CWSCO	2022-05-2	AP002487	102	702000	117.43	627	0
CWSCO	2022-05-2	AP002487	102	702000	109.62	626	0
CWSCO	2022-05-1	AP002481	102	702000	5099.24	430	0
CWSCO	2022-05-1	AP002481	102	702000	598.98	429	0
CWSCO	2022-05-1	AP002479	102	702000	12.51	520	0
CWSCO	2022-05-1	AP002479	102	702000	1.37	519	0
CWSCO	2022-04-2	AP002470	102	702000	96.67	808	0
CWSCO	2022-04-2	AP002470	102	702000	36.95	807	0
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CWSCO	2022-04-2	AP002470	102	702000	42.77	805	0
CWSCO	2022-04-2	AP002470	102	702000	85.76	804	0
CWSCO	2022-04-2	AP002470	102	702000	111.87	803	0
CWSCO	2022-04-2	AP002465	102	702000	2313.07	618	0
CWSCO	2022-04-0	AP002456	102	702000	12.87	480	0
CWSCO	2022-04-0	AP002456	102	702000	0.56	479	0
CWSCO	2022-03-2	AP002446	102	702000	114.5	730	0
CWSCO	2022-03-2	AP002446	102	702000	27.29	729	0
CWSCO	2022-03-2	AP002446	102	702000	235.77	728	0
CWSCO	2022-03-2	AP002446	102	702000	29.94	727	0
CWSCO	2022-03-2	AP002446	102	702000	57.73	726	0
CWSCO	2022-03-2	AP002446	102	702000	125.85	725	0
CWSCO	2022-03-0	AP002437	102	702000	13	615	0
CWSCO	2022-03-0	AP002437	102	702000	0.56	614	0
CWSCO	2022-02-2	AP002428	102	702000	39.68	523	0
CWSCO	2022-02-2	AP002428	102	702000	7.5	522	0
CWSCO	2022-02-2	AP002428	102	702000	228.73	521	0
CWSCO	2022-02-2	AP002428	102	702000	29.02	520	0
CWSCO	2022-02-2	AP002428	102	702000	54.88	519	0
CWSCO	2022-02-2	AP002428	102	702000	125.71	518	0
CWSCO	2022-02-0	AP002417	102	702000	12.92	1266	0
CWSCO	2022-02-0	AP002417	102	702000	0.86	1265	0
CWSCO	2022-02-0	AP002417	102	702000	206.91	1264	0
CWSCO	2022-02-0	AP002417	102	702000	52.68	1262	0
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CWSCO	2022-02-0	AP002417	102	702000	12.93	1260	0
CWSCO	2022-02-0	AP002417	102	702000	118.18	1261	0
CWSCO	2022-01-0	AP002398	102	702000	12.02	768	0
CWSCO	2022-01-0	AP002398	102	702000	0.56	767	0
CWSCO	2022-01-0	AC_EST2	102	702000	4372.84	22	0
CWSCO	2022-01-0	AC_EST	102	702000	-4372.84	60	0
CWSCO	2022-12-0	AC_AP_6	102	702000	76800	4	0

CWSCO	2022-12-0	AC_AP_6	102	702000	12105	3	0
CWSCO	2022-11-3	AC_AP_6	102	702000	-76800	4	0
CWSCO	2022-11-3	AC_AP_6	102	702000	-12105	3	0
CWSCO	2022-12-0	ACAP1130	102	702000	-76800	149	0
CWSCO	2022-12-0	ACAP1130	102	702000	-12105	148	0
CWSCO	2022-11-3	ACAP1130	102	702000	76800	149	0
CWSCO	2022-11-3	ACAP1130	102	702000	12105	148	0
CWSCO	2022-12-3	31_PW3	102	702000	365.3	3	0
CWSCO	2022-12-0	31_PW3	102	702000	-230.05	3	0
CWSCO	2022-11-3	31_PW3	102	702000	230.05	3	0
CWSCO	2022-11-0	31_PW3	102	702000	-279.6	3	0
CWSCO	2022-10-3	31_PW3	102	702000	279.6	3	0
CWSCO	2022-10-0	31_PW3	102	702000	-638.77	3	0
CWSCO	2022-09-3	31_PW3	102	702000	638.77	3	0
CWSCO	2022-09-0	31_PW3	102	702000	-551.29	3	0
CWSCO	2022-08-3	31_PW3	102	702000	551.29	3	0
CWSCO	2022-08-0	31_PW3	102	702000	-604.4	3	0
CWSCO	2022-07-3	31_PW3	102	702000	604.4	3	0
CWSCO	2022-07-0	31_PW3	102	702000	-543.72	3	0
CWSCO	2022-06-3	31_PW3	102	702000	543.72	3	0
CWSCO	2022-06-0	31_PW3	102	702000	-447.41	3	0
CWSCO	2022-05-3	31_PW3	102	702000	447.41	3	0
CWSCO	2022-05-0	31_PW3	102	702000	-360.1	3	0
CWSCO	2022-04-3	31_PW3	102	702000	360.1	3	0
CWSCO	2022-04-0	31_PW3	102	702000	-340.04	3	0
CWSCO	2022-03-3	31_PW3	102	702000	340.04	3	0
CWSCO	2022-03-0	31_PW3	102	702000	-316.71	3	0
CWSCO	2022-02-2	31_PW3	102	702000	316.71	3	0
CWSCO	2022-02-0	31_PW3	102	702000	-710.08	3	0
CWSCO	2022-01-3	31_PW3	102	702000	710.08	3	0
CWSCO	2022-01-0	31_PW3	102	702000	-269.26	3	0
CWSCO	2019-02-2	EXP01796	128	702000	633	437	0
CWSCO	2022-10-2	AP002589	128	703002	9537.38	814	0
CWSCO	2022-08-1	AP002536	128	703002	32157.62	372	0
CWSCO	2022-12-0	AC_EST3	128	703002	-3215.76	56	0
CWSCO	2022-11-3	AC_EST3	128	703002	3215.76	56	0
CWSCO	2022-12-0	AC_EST2	128	703002	3215.76	56	0
CWSCO	2022-11-3	AC_EST2	128	703002	-3215.76	56	0
CWSCO	2022-12-3	AC_EST	128	703002	3215.76	54	0
CWSCO	2022-12-0	AC_EST	128	703002	-3215.76	56	0
CWSCO	2022-11-3	AC_EST	128	703002	3215.76	56	0
CWSCO	2022-11-0	AC_EST	128	703002	-3215.76	58	0
CWSCO	2022-10-3	AC_EST	128	703002	3215.76	58	0
CWSCO	2022-10-0	AC_EST	128	703002	-3215.76	55	0



CWSCO	2022-09-3	AC_EST	128	703002	3215.76	55	0
CWSCO	2022-09-0	AC_EST	128	703002	-3215.76	55	0
CWSCO	2022-08-3	AC_EST	128	703002	3215.76	55	0
CWSCO	2022-10-0	AC_AP_2	128	703002	-9537.38	16	0
CWSCO	2022-09-3	AC_AP_2	128	703002	9537.38	16	0
CWSCO	2019-11-2	EXP01950	106	702000	15.6	121	0
CWSCO	2020-11-0	EXP02141	106	702000	-31.23	615	0
CWSCO	2020-11-0	EXP02140	106	702000	132.63	403	0
CWSCO	2020-11-0	EXP02140	106	702000	163	405	0
CWSCO	2020-11-0	EXP02140	106	702000	6.9	407	0
CWSCO	2020-11-0	EXP02140	106	702000	6.9	409	0
CWSCO	2020-08-2	EXP02101	106	702000	150	15	0
CWSCO	2020-08-2	EXP02101	106	702000	79	17	0
CWSCO	2021-02-1	EXP02199	106	702000	689.51	265	0
CWSCO	2019-12-0	APA11301	113	701000	-988	1274	0
CWSCO	2019-11-3	APA11301	113	701000	988	1274	0
CWSCO	2019-10-0	APA09301	113	701000	-1285	813	0
CWSCO	2019-09-3	APA09301	113	701000	1285	813	0
CWSCO	2019-10-0	AP001923	113	701000	1285	1606	0
CWSCO	2019-04-1	AP001824	113	701000	1480	390	0
CWSCO	2019-02-1	AP001791	113	701000	320	689	0
CWSCO	2020-05-0	EXP02040	113	702000	50.2	911	0
CWSCO	2020-02-1	EXP01997	113	702000	3036.18	145	0
CWSCO	2020-07-2	AP002080	113	702000	13300	310	0
CWSCO	2020-07-0	AC_AP_1	113	702000	-13300	62	0
CWSCO	2020-06-3	AC_AP_1	113	702000	13300	62	0
CWSCO	2019-12-3	RA001973	119	702000	2000	173	0
CWSCO	2019-12-0	RA001956	119	702000	-2000	309	0
CWSCO	2019-11-3	RA001956	119	702000	2000	309	0
CWSCO	2019-11-0	RA001941	119	702000	-2000	779	0
CWSCO	2019-10-3	RA001941	119	702000	2000	779	0
CWSCO	2019-10-0	RA001922	119	702000	-2000	1388	0
CWSCO	2019-10-0	RA001922	119	702000	-10840	1091	0
CWSCO	2019-09-3	RA001922	119	702000	2000	1388	0
CWSCO	2019-09-3	RA001922	119	702000	10840	1091	0
CWSCO	2019-09-0	RA001904	119	702000	-10840	2670	0
CWSCO	2019-09-0	RA001904	119	702000	-6000	2668	0
CWSCO	2019-09-0	RA001904	119	702000	-3500	2666	0
CWSCO	2019-09-0	RA001904	119	702000	-700	2664	0
CWSCO	2019-09-0	RA001904	119	702000	-2000	2662	0
CWSCO	2019-08-3	RA001904	119	702000	10840	2670	0
CWSCO	2019-08-3	RA001904	119	702000	6000	2668	0
CWSCO	2019-08-3	RA001904	119	702000	3500	2666	0
CWSCO	2019-08-3	RA001904	119	702000	700	2664	0

CWSCO	2019-08-3	RA001904	119	702000	2000	2662	0
CWSCO	2019-10-2	AP001935	119	702000	10840	279	0
CWSCO	2019-09-3	AP001919	119	702000	2000	459	0
CWSCO	2019-09-3	AP001919	119	702000	3500	458	0
CWSCO	2019-09-3	AP001919	119	702000	2500	457	0
CWSCO	2019-09-2	AP001919	119	702000	700	634	0
CWSCO	2019-09-2	AP001919	119	702000	6000	633	0
CWSCO	2020-03-0	RA002005	119	702000	-2040	1096	0
CWSCO	2020-02-2	RA002005	119	702000	2040	1096	0
CWSCO	2020-02-0	RA001990	119	702000	-800	1825	0
CWSCO	2020-02-0	RA001990	119	702000	-700	1823	0
CWSCO	2020-02-0	RA001990	119	702000	-2000	1821	0
CWSCO	2020-02-0	RA001990	119	702000	-700	1819	0
CWSCO	2020-02-0	RA001990	119	702000	-1200	1817	0
CWSCO	2020-02-0	RA001990	119	702000	-600	1815	0
CWSCO	2020-02-0	RA001990	119	702000	-2000	1813	0
CWSCO	2020-02-0	RA001990	119	702000	-2500	1811	0
CWSCO	2020-01-3	RA001990	119	702000	800	1825	0
CWSCO	2020-01-3	RA001990	119	702000	700	1823	0
CWSCO	2020-01-3	RA001990	119	702000	2000	1821	0
CWSCO	2020-01-3	RA001990	119	702000	700	1819	0
CWSCO	2020-01-3	RA001990	119	702000	1200	1817	0
CWSCO	2020-01-3	RA001990	119	702000	600	1815	0
CWSCO	2020-01-3	RA001990	119	702000	2000	1813	0
CWSCO	2020-01-3	RA001990	119	702000	2500	1811	0
CWSCO	2020-01-0	RA001973	119	702000	-2000	173	0
CWSCO	2020-03-2	AP002018	119	702000	2040	739	0
CWSCO	2020-02-0	AP001992	119	702000	700	1097	0
CWSCO	2020-02-0	AP001992	119	702000	700	1096	0
CWSCO	2020-02-0	AP001991	119	702000	600	1846	0
CWSCO	2020-02-0	AP001991	119	702000	2500	1845	0
CWSCO	2020-02-0	AP001991	119	702000	2000	1844	0
CWSCO	2020-02-0	AP001991	119	702000	800	1843	0
CWSCO	2020-02-0	AP001991	119	702000	2000	1842	0
CWSCO	2020-02-0	AP001991	119	702000	1200	1841	0
CWSCO	2020-08-1	EXP02096	119	703002	324.91	567	0
CWSCO	2021-12-2	EXP02390	119	703002	307.84	1211	0
CWSCO	2021-12-0	EXP02380	119	703002	4.91	109	0
CWSCO	2021-09-1	EXP02331	119	703002	25.18	251	0
CWSCO	2021-09-1	EXP02331	119	703002	418	249	0
CWSCO	2021-08-1	EXP02309	119	703002	9.25	155	0
CWSCO	2022-06-2	EXP02507	119	703002	1286.25	167	0
CWSCO	2022-02-0	EXP02416	119	703002	6.54	609	0
CWSCO	2021-05-2	AP002259	392	703002	10892.52	425	0

CWSCO	2021-05-0	AC_AP_3	392	703002	-10892.5	176	0
CWSCO	2021-04-3	AC_AP_3	392	703002	10892.52	176	0
CWSCO	2022-04-2	AP002470	346	703002	1487.4	813	0
CWSCO	2022-04-2	AP002470	392	703002	2730	812	0
CWSCO	2022-04-0	AC_AP_2	392	703002	-2730	42	0
CWSCO	2022-03-3	AC_AP_2	392	703002	2730	42	0
CWSCO	2020-12-3	AP002172	149	701000	2394.15	408	0
CWSCO	2020-12-3	AC_EST	149	701000	478.83	55	0
CWSCO	2021-04-1	AP002235	149	701000	1717.5	360	0
CWSCO	2021-03-2	AP002223	149	701000	2911.25	518	0
CWSCO	2021-02-1	AP002203	149	701000	342.5	368	0
CWSCO	2021-09-0	AC_EST	149	701000	-343.5	55	0
CWSCO	2021-08-3	AC_EST	149	701000	343.5	55	0
CWSCO	2021-08-0	AC_EST	149	701000	-925.75	52	0
CWSCO	2021-07-3	AC_EST	149	701000	925.75	52	0
CWSCO	2021-07-0	AC_EST	149	701000	-994.25	52	0
CWSCO	2021-06-3	AC_EST	149	701000	994.25	52	0
CWSCO	2021-06-0	AC_EST	149	701000	-994.25	56	0
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CWSCO	2021-04-3	AC_EST	149	701000	1473.08	55	0
CWSCO	2021-04-0	AC_EST	149	701000	-1129.58	56	0
CWSCO	2021-03-3	AC_EST	149	701000	1129.58	56	0
CWSCO	2021-03-0	AC_EST	149	701000	-547.33	57	0
CWSCO	2021-02-2	AC_EST	149	701000	547.33	57	0
CWSCO	2021-02-0	AC_EST	149	701000	-478.83	56	0
CWSCO	2021-01-3	AC_EST	149	701000	478.83	56	0
CWSCO	2021-01-0	AC_EST	149	701000	-478.83	55	0
CWSCO	2022-12-3	146_0000	149	703030	-1970.76	4	0
CWSCO	2022-11-3	146_0000	149	703030	1909.45	4	0
CWSCO	2022-10-3	146_0000	149	703030	543.19	4	0
CWSCO	2022-08-3	146_0000	149	703030	347.12	4	0
CWSCO	2022-07-3	146_0000	149	703030	-1211.57	4	0
CWSCO	2022-06-3	146_0000	149	703030	1834.02	4	0
CWSCO	2022-05-3	146_0000	149	703030	92.27	4	0
CWSCO	2023-12-3	146_0000	149	703030	45.82	4	0
CWSCO	2023-04-3	146_0000	149	703030	89.58	4	0
CWSCO	2023-02-2	146_0000	149	703030	373.25	4	0
CWSCO	2020-08-0	APA07312	322	701000	-2498.75	273	0
CWSCO	2020-07-3	APA07312	322	701000	2498.75	273	0
CWSCO	2020-07-0	APA06302	322	701000	-7640.62	316	0
CWSCO	2020-06-3	APA06302	322	701000	7640.62	316	0
CWSCO	2020-08-1	AP002095	322	701000	1249.37	876	0
CWSCO	2020-07-0	AP002074	322	701000	7640.62	772	0

CWSCO	2020-03-1	AP002014	322	701000	498.97	361	0
CWSCO	2020-02-2	AP002002	322	701000	25000	949	0
CWSCO	2020-08-0	AC_EST	322	701000	-99.79	51	0
CWSCO	2020-07-3	AC_EST	322	701000	99.79	51	0
CWSCO	2020-07-0	AC_EST	322	701000	-99.79	49	0
CWSCO	2020-06-3	AC_EST	322	701000	99.79	49	0
CWSCO	2020-06-0	AC_EST	322	701000	-99.79	48	0
CWSCO	2020-05-3	AC_EST	322	701000	99.79	48	0
CWSCO	2020-05-0	AC_EST	322	701000	-99.79	48	0
CWSCO	2020-04-3	AC_EST	322	701000	99.79	48	0
CWSCO	2020-04-0	AC_EST	322	701000	-99.79	45	0
CWSCO	2020-03-3	AC_EST	322	701000	99.79	45	0
CWSCO	2020-03-0	AC_AP_1	322	701000	-498.97	417	0
CWSCO	2020-02-2	AC_AP_1	322	701000	498.97	417	0
CWSCO	2020-03-0	APA02292	342	701000	-172	797	0
CWSCO	2020-02-2	APA02292	342	701000	172	797	0
CWSCO	2020-03-3	AP002020	342	701000	172	340	0
CWSCO	2020-05-0	AC_EST	342	701000	-41.4	49	0
CWSCO	2020-04-3	AC_EST	342	701000	41.4	49	0
CWSCO	2020-04-0	AC_EST	342	701000	-2169.36	46	0
CWSCO	2020-03-3	AC_EST	342	701000	2169.36	46	0
CWSCO	2020-03-0	AC_EST	342	701000	-2169.36	44	0
CWSCO	2020-02-2	AC_EST	342	701000	2169.36	44	0
CWSCO	2020-02-0	AC_EST	342	701000	-2766.32	47	0
CWSCO	2020-01-3	AC_EST	342	701000	2766.32	47	0
CWSCO	2020-01-0	AC_EST	342	701000	-2962.97	47	0
CWSCO	2020-12-0	51NA	342	701000	78348.24	24	0

Descr	Affiliate	Product	Year	Period	Status	DateTime	User	Ref	Line Descr
POWERPLANT JOURNAL			2022	4	P	2022-05-1	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	4	P	2022-05-1	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	4	P	2022-05-1	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	4	P	2022-05-1	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	4	P	2022-05-1	POWERPLNT		PPLANT EN
XPO Month-End Accruals			2022	12	P	2023-01-0	OPERATOR	X00016157	X00016157
XPO Month-End Accruals			2022	12	P	2023-01-0	OPERATOR	X00016114	X00016114
XPO Month-End Accruals			2022	12	P	2022-12-0	TDING	X00016157	X00016157
XPO Month-End Accruals			2022	12	P	2022-12-0	TDING	X00016114	X00016114
XPO Month-End Accruals			2022	11	P	2022-12-0	OPERATOR	X00016157	X00016157
XPO Month-End Accruals			2022	11	P	2022-12-0	OPERATOR	X00016114	X00016114
XPO Month-End Accruals			2022	11	P	2022-11-0	TDING	X00016157	X00016157
XPO Month-End Accruals			2022	11	P	2022-11-0	TDING	X00016114	X00016114
XPO Month-End Accruals			2022	10	P	2022-11-0	OPERATOR	X00016157	X00016157
XPO Month-End Accruals			2022	10	P	2022-11-0	OPERATOR	X00016114	X00016114
XPO Month-End Accruals			2022	10	P	2022-10-0	TDING	X00016114	X00016114
XPO Month-End Accruals			2022	9	P	2022-10-0	OPERATOR	X00016114	X00016114
Accrue Unmatched PO Receipts			2022	2	P	2022-02-0	OPERATOR	000041447	Accrue Unr
Accrue Unmatched PO Receipts			2022	1	P	2022-02-0	OPERATOR	000041447	Accrue Unr
Accrue Unmatched PO Receipts			2022	1	P	2022-01-0	OPERATOR	000041447	Accrue Unr
Monthly pcard accrual			2022	8	P	2022-08-1	JHU	20220627	Trujillo Jr,M
Monthly pcard accrual			2022	8	P	2022-08-1	JHU	20220713	Trujillo Jr,M
Monthly pcard accrual			2022	7	P	2022-08-1	LBURBACH	20220713	Trujillo Jr,M
Monthly pcard accrual			2022	7	P	2022-08-1	LBURBACH	20220627	Trujillo Jr,M
Expense Journal			2022	8	P	2022-08-1	OPERATOR	000017436	001295
Expense Journal			2022	8	P	2022-08-1	OPERATOR	000017436	001295
Expense Journal			2022	3	P	2022-03-2	OPERATOR	000016614	002468
Expense Journal			2022	3	P	2022-03-2	OPERATOR	000016614	002468
AP MONTH END ACCRUAL - AP UN			2022	5	P	2022-05-0	JHU	01589940	WEST VALL
AP MONTH END ACCRUAL - AP UN			2022	5	P	2022-05-0	JHU	01589338	WEST VALL
AP MONTH END ACCRUAL - AP UN			2022	4	P	2022-05-0	DADAVIS	01589940	WEST VALL
AP MONTH END ACCRUAL - AP UN			2022	4	P	2022-05-0	DADAVIS	01589338	WEST VALL
AP Vouchers			2022	12	P	2022-12-3	OPERATOR	01636005	016038129
AP Vouchers			2022	12	P	2022-12-3	OPERATOR	01636004	016038193
AP Vouchers			2022	12	P	2022-12-3	OPERATOR	01636003	016038128
AP Vouchers			2022	12	P	2022-12-3	OPERATOR	01636002	016038198
AP Vouchers			2022	12	P	2022-12-3	OPERATOR	01635821	568597857
AP Vouchers			2022	12	P	2022-12-0	OPERATOR	01633442	324778558
AP Vouchers			2022	12	P	2022-12-0	OPERATOR	01632867	FUEL REDU
AP Vouchers			2022	12	P	2022-12-0	OPERATOR	01632865	FUEL REDU
AP Vouchers			2022	11	P	2022-12-0	OPERATOR	01631633	016038129
AP Vouchers			2022	11	P	2022-12-0	OPERATOR	01631632	016038193
AP Vouchers			2022	11	P	2022-12-0	OPERATOR	01631631	016038128

AP Vouchers	2022	11 P	2022-12-0: OPERATOR01631630	016038198
AP Vouchers	2022	11 P	2022-12-0: OPERATOR01631381	568597857
AP Vouchers	2022	11 P	2022-11-0: OPERATOR01627003	324778558
AP Vouchers	2022	10 P	2022-10-2: OPERATOR01625396	568597857
AP Vouchers	2022	10 P	2022-10-2: OPERATOR01625248	016038198
AP Vouchers	2022	10 P	2022-10-2: OPERATOR01625247	016038198
AP Vouchers	2022	10 P	2022-10-2: OPERATOR01625244	016038128
AP Vouchers	2022	10 P	2022-10-2: OPERATOR01625243	016038128
AP Vouchers	2022	10 P	2022-10-0: OPERATOR01621450	621010201
AP Vouchers	2022	10 P	2022-10-0: OPERATOR01621406	324778558
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01618496	568597866
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01618495	568597857
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01618374	016038198
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01618373	016038198
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01618370	016038128
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01618369	016038128
AP Vouchers	2022	9 P	2022-10-0: OPERATOR01615743	621010201
AP Vouchers	2022	9 P	2022-10-0: OPERATOR01615686	324778558
AP Vouchers	2022	8 P	2022-08-2: OPERATOR01613150	568597866
AP Vouchers	2022	8 P	2022-08-2: OPERATOR01613149	568597857
AP Vouchers	2022	8 P	2022-08-2: OPERATOR01613015	016038198
AP Vouchers	2022	8 P	2022-08-2: OPERATOR01613014	016038198
AP Vouchers	2022	8 P	2022-08-2: OPERATOR01613011	016038128
AP Vouchers	2022	8 P	2022-08-2: OPERATOR01613010	016038128
AP Vouchers	2022	8 P	2022-09-0: OPERATOR01610460	621010201
AP Vouchers	2022	8 P	2022-09-0: OPERATOR01610429	324778558
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607408	016038198
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607407	016038198
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607404	016038128
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607403	016038128
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607603	568597866
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607602	568597857
AP Vouchers	2022	7 P	2022-08-0: OPERATOR01603586	621010201
AP Vouchers	2022	7 P	2022-08-0: OPERATOR01603544	324778558
AP Vouchers	2022	6 P	2022-06-2: OPERATOR01600425	016038128
AP Vouchers	2022	6 P	2022-06-2: OPERATOR01600548	568597866
AP Vouchers	2022	6 P	2022-06-2: OPERATOR01600547	568597857
AP Vouchers	2022	6 P	2022-06-2: OPERATOR01600430	016038198
AP Vouchers	2022	6 P	2022-06-2: OPERATOR01600429	016038198
AP Vouchers	2022	6 P	2022-06-2: OPERATOR01600426	016038128
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01598295	621010201
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01598255	324778558
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595193	568597866
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595192	568597857

AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595062	016038198
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595061	016038198
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595058	016038128
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595057	016038128
AP Vouchers	2022	5 P	2022-05-1: OPERATOR01589940	SOURCE SI
AP Vouchers	2022	5 P	2022-05-1: OPERATOR01589338	SOURCE SI
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592759	621010201
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592701	324778558
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01589692	568597866
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01589691	568597857
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01589493	016038198
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01589492	016038198
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01589489	016038128
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01589488	016038128
AP Vouchers	2022	4 P	2022-04-2: OPERATOR01587409	SOURCE SI
AP Vouchers	2022	4 P	2022-04-0: OPERATOR01586208	621010201
AP Vouchers	2022	4 P	2022-04-0: OPERATOR01586147	324778558
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583142	568597866
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583141	568597857
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583058	016038198
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583057	016038198
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583054	016038128
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583053	016038128
AP Vouchers	2022	3 P	2022-04-0: OPERATOR01580705	621010201
AP Vouchers	2022	3 P	2022-04-0: OPERATOR01580664	324778558
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01577910	568597866
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01577909	568597857
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01577805	016038198
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01577804	016038198
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01577801	016038128
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01577800	016038128
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573856	568597866
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573855	568597857
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573704	016038198
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573700	016038128
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573703	016038198
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573534	324778558
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573597	621010201
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01573699	016038128
AP Vouchers	2022	1 P	2022-01-0: OPERATOR01568698	621010201
AP Vouchers	2022	1 P	2022-01-0: OPERATOR01568644	324778558
Exclude West Valley from AC_ES	2022	1 P	2022-01-1: JHU	AC_EST JUL
AC_EST - DEC.2021	2022	1 P	2022-01-0: JHU	AC_EST JUL
AP reclasses for Nov 2022	2022	12 P	2022-12-1: TSCANLON 1632867	BAY AREA 1

AP reclasses for Nov 2022	2022	12 P	2022-12-1	TSCANLON 1632865	BAY AREA 1
AP reclasses for Nov 2022	2022	11 P	2022-12-1	THTRAN 1632867	BAY AREA 1
AP reclasses for Nov 2022	2022	11 P	2022-12-1	THTRAN 1632865	BAY AREA 1
SUBSEQUENT VOUCHER ACCRU	2022	12 P	2022-12-0	JHU 01632867	BAY AREA 1
SUBSEQUENT VOUCHER ACCRU	2022	12 P	2022-12-0	JHU 01632865	BAY AREA 1
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-12-0	DADAVIS 01632867	BAY AREA 1
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-12-0	DADAVIS 01632865	BAY AREA 1
Non-MCBA Power(PGE & SCE Invo	2022	12 P	2023-01-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	12 P	2022-12-0	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	11 P	2022-12-0	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	11 P	2022-11-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	10 P	2022-11-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	10 P	2022-10-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	9 P	2022-10-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	9 P	2022-09-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	8 P	2022-09-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	8 P	2022-08-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	7 P	2022-08-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	7 P	2022-07-0	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	6 P	2022-07-0	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	6 P	2022-06-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	5 P	2022-06-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	5 P	2022-05-0	JHU	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	4 P	2022-05-0	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	4 P	2022-04-0	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	3 P	2022-04-0	WKIM	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	3 P	2022-03-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	2 P	2022-03-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	2 P	2022-02-1	TSCANLON	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	1 P	2022-02-1	GCHIPER	Non-MCBA
Non-MCBA Power(PGE & SCE Invo	2022	1 P	2022-01-1	TSCANLON	Non-MCBA
Expense Journal	2019	2 P	2019-02-2	OPERATOR 00001220	002294
AP Vouchers	2022	10 P	2022-10-2	OPERATOR 01625216	RCL V#016
AP Vouchers	2022	8 P	2022-09-0	OPERATOR 01610209	WATERMA
AC_EST - NOV.2022	2022	12 P	2022-12-1	JHU	AC_EST JUI
AC_EST - NOV.2022	2022	11 P	2022-12-1	DADAVIS	AC_EST JUI
REVERSE AC_EST - NOV.2022	2022	12 P	2022-12-1	JHU	AC_EST JUI
REVERSE AC_EST - NOV.2022	2022	11 P	2022-12-1	DADAVIS	AC_EST JUI
AC_EST - DEC.2022	2022	12 P	2023-01-0	KWANG	AC_EST JUI
AC_EST - NOV.2022	2022	12 P	2022-12-0	JHU	AC_EST JUI
AC_EST - NOV.2022	2022	11 P	2022-12-0	KWANG	AC_EST JUI
AC_EST - OCT.2022	2022	11 P	2022-11-0	JHU	AC_EST MA
AC_EST - OCT.2022	2022	10 P	2022-11-0	DADAVIS	AC_EST MA
AC_EST - SEP.2022	2022	10 P	2022-10-0	JHU	AC_EST AP



AC_EST - SEP.2022	2022	9 P	2022-10-0: DADAVIS	AC_EST AP
AC_EST - AUG.2022	2022	9 P	2022-09-0: JHU	AC_EST MA
AC_EST - AUG.2022	2022	8 P	2022-09-0: DADAVIS	AC_EST MA
AP reclasses for September 202	2022	10 P	2022-10-1: TSCANLON 1618214	WATER REF
AP reclasses for September 202	2022	9 P	2022-10-1: BCHIN 1618214	WATER REF
Expense Journal	2019	11 P	2019-11-2: OPERATOR 000013402	001443
Expense Journal	2020	11 P	2020-12-0: OPERATOR 000015053	001340
Expense Journal	2020	11 P	2020-11-0: OPERATOR 000015052	001340
Expense Journal	2020	11 P	2020-11-0: OPERATOR 000015052	001340
Expense Journal	2020	11 P	2020-11-0: OPERATOR 000015052	001340
Expense Journal	2020	11 P	2020-11-0: OPERATOR 000015052	001340
Expense Journal	2020	8 P	2020-08-2: OPERATOR 000014673	002268
Expense Journal	2020	8 P	2020-08-2: OPERATOR 000014673	002268
Expense Journal	2021	2 P	2021-02-1: OPERATOR 000015347	000615
AP MONTH END ACCRUAL - AP UN	2019	12 P	2019-12-0: JHU 01422407	NORTH ST/
AP MONTH END ACCRUAL - AP UN	2019	11 P	2019-12-0: DADAVIS 01422407	NORTH ST/
AP MONTH END ACCRUAL - AP UN	2019	10 P	2019-10-0: DHEALEY 01411234	NORTH ST/
AP MONTH END ACCRUAL - AP UN	2019	9 P	2019-10-0: DADAVIS 01411234	NORTH ST/
AP Vouchers	2019	10 P	2019-11-0: OPERATOR 01411234	Expense Di
AP Vouchers	2019	4 P	2019-04-1: OPERATOR 01382729	CEQA Com
AP Vouchers	2019	2 P	2019-02-1: OPERATOR 01373502	CEQA Com
Expense Journal	2020	5 P	2020-05-0: OPERATOR 000014290	001671
Expense Journal	2020	2 P	2020-03-0: OPERATOR 000013792	002594
AP Vouchers	2020	7 P	2020-07-2: OPERATOR 01468647	RCL V#014
Reclass between accounts	2020	7 P	2020-07-0: TSCANLON	C REYNOLI
Reclass between accounts	2020	6 P	2020-07-0: SZHU	C REYNOLI
Accrue Unmatched PO Receipts	2019	12 P	2020-01-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	12 P	2019-12-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-12-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-11-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-11-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-10-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-10-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-10-0: OPERATOR 000036594	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-10-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR 000036479	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR 000036479	Accrue Unr

Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR 000036478 Accrue Unr
AP Vouchers	2019	10 P	2019-10-2: OPERATOR 01419059 Sta. 52, 14:
AP Vouchers	2019	9 P	2019-09-3: OPERATOR 01413936 Tree Trimm
AP Vouchers	2019	9 P	2019-09-3: OPERATOR 01413935 Tree Trimm
AP Vouchers	2019	9 P	2019-09-3: OPERATOR 01413580 Tree Trimm
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01413582 Tree Trimm
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01413579 Tree Trimm
Accrue Unmatched PO Receipts	2020	3 P	2020-03-0: OPERATOR 000037983 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-03-0: OPERATOR 000037983 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037891 Accrue Unr
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000036594 Accrue Unr
AP Vouchers	2020	3 P	2020-03-2: OPERATOR 01446797 Sta. 32: 25
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435575 6424 HEMI
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435555 141 S CARI
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435586 928 S ORO
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435556 2425 STAG
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435553 71 W ELLIS
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435545 1677 CHUI
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435542 928 S CEN
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01435541 40 W WYAN
Expense Journal	2020	8 P	2020-08-1: OPERATOR 000014726 001332
Expense Journal	2021	12 P	2021-12-2: OPERATOR 000016570 001332
Expense Journal	2021	12 P	2021-12-0: OPERATOR 000016447 001332
Expense Journal	2021	9 P	2021-09-1: OPERATOR 000016166 001332
Expense Journal	2021	9 P	2021-09-1: OPERATOR 000016166 001332
Expense Journal	2021	8 P	2021-08-1: OPERATOR 000016060 001332
Expense Journal	2022	6 P	2022-06-2: OPERATOR 000017132 000248
Expense Journal	2022	2 P	2022-02-0: OPERATOR 000016693 001332
AP Vouchers	2021	5 P	2021-05-2: OPERATOR 01526892 RCL V#015

Reclass between accounts	2021	5 P	2021-05-1	TSCANLON	COTTON, S
Reclass between accounts	2021	4 P	2021-05-1	SZHU	COTTON, S
AP Vouchers	2022	4 P	2022-05-0	OPERATOR01590003	RCL V#015
AP Vouchers	2022	4 P	2022-05-0	OPERATOR01590002	RCL V#015
AP reclasses for Mar 2022	2022	4 P	2022-04-1	TSCANLON 1576321	COTTON, S
AP reclasses for Mar 2022	2022	3 P	2022-04-1	BCHIN 1576321	COTTON, S
AP Vouchers	2020	12 P	2020-12-3	OPERATOR01497586	Biologist su
AC_EST - DEC.2020	2020	12 P	2021-01-0	DADAVIS	JUL'20-NO'
AP Vouchers	2021	4 P	2021-04-1	OPERATOR01519097	Biologist su
AP Vouchers	2021	3 P	2021-04-0	OPERATOR01513557	Biologist su
AP Vouchers	2021	2 P	2021-02-1	OPERATOR01508707	Biologist su
AC_EST - AUG.2021	2021	9 P	2021-09-0	JHU	AC_EST MA
AC_EST - AUG.2021	2021	8 P	2021-09-0	DADAVIS	AC_EST MA
AC_EST - JUL.2021	2021	8 P	2021-08-0	JHU	AC_EST FEI
AC_EST - JUL.2021	2021	7 P	2021-08-0	DADAVIS	AC_EST FEI
AC_EST - JUN.2021	2021	7 P	2021-07-0	JHU	JAN'21-MA'
AC_EST - JUN.2021	2021	6 P	2021-07-0	DADAVIS	JAN'21-MA'
AC_EST - MAY.2021	2021	6 P	2021-06-0	JHU	DEC'20-AP
AC_EST - MAY.2021	2021	5 P	2021-06-0	DADAVIS	DEC'20-AP
AC_EST - APR.2021	2021	5 P	2021-05-0	JHU	NOV'20-M/
AC_EST - APR.2021	2021	4 P	2021-05-0	DADAVIS	NOV'20-M/
AC_EST - MAR.2021	2021	4 P	2021-04-0	JHU	OCT'20-FE
AC_EST - MAR.2021	2021	3 P	2021-04-0	DADAVIS	OCT'20-FE
AC_EST - FEB.2021	2021	3 P	2021-03-0	JHU	SEP'20-JAN
AC_EST - FEB.2021	2021	2 P	2021-03-0	DADAVIS	SEP'20-JAN
AC_EST - JAN.2021	2021	2 P	2021-02-0	JHU	AUG'20-DE
AC_EST - JAN.2021	2021	1 P	2021-02-0	DADAVIS	AUG'20-DE
AC_EST - DEC.2020	2021	1 P	2021-01-0	JHU	JUL'20-NO'
146_703030 147 148 149 150 R13	2022	12 P	2023-01-1	JHU	
146_703030 147 148 149 150 R13	2022	11 P	2022-12-1	JHU	
146_703030 147 148 149 150 R13	2022	10 P	2022-11-1	JHU	
146_703030 147 148 149 150 R13	2022	8 P	2022-09-1	JHU	
146_703030 147 148 149 150 R13	2022	7 P	2022-08-1	JHU	
146_703030 147 148 149 150 R13	2022	6 P	2022-07-1	JHU	
146_703030 147 148 149 150 R13	2022	5 P	2022-06-1	JHU	
146_703030 147 148 149 150 R13	2023	12 P	2024-01-1	JHU	
146_703030 147 148 149 150 R13	2023	4 P	2023-05-3	BCHIN	
146_703030 147 148 149 150 R13	2023	2 P	2023-03-1	JHU	
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-0	JHU 01469699	EKI ENVIRC
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-0	DADAVIS 01469699	EKI ENVIRC
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-0	TDING 01463634	EKI ENVIRC
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-0	DADAVIS 01463634	EKI ENVIRC
AP Vouchers	2020	8 P	2020-08-3	OPERATOR01469699	Castroville
AP Vouchers	2020	7 P	2020-07-0	OPERATOR01463634	Castroville

AP Vouchers	2020	3 P	2020-03-1: OPERATOR01444632	Engineering
AP Vouchers	2020	2 P	2020-02-2: OPERATOR01441797	322_PPIC S
AC_EST - JUL.2020	2020	8 P	2020-08-0: JHU	FEB'20-JUN
AC_EST - JUL.2020	2020	7 P	2020-08-0: DADAVIS	FEB'20-JUN
AC_EST - JUN.2020	2020	7 P	2020-07-0: JHU	JAN'20-MA
AC_EST - JUN.2020	2020	6 P	2020-07-0: DADAVIS	JAN'20-MA
AC_EST - MAY.2020	2020	6 P	2020-06-0: JHU	DEC'19-AP
AC_EST - MAY.2020	2020	5 P	2020-06-0: DADAVIS	DEC'19-AP
AC_EST - APR.2020	2020	5 P	2020-05-0: TDING	NOV'19-M/
AC_EST - APR.2020	2020	4 P	2020-05-0: DADAVIS	NOV'19-M/
AC_EST -- MAR.2020	2020	4 P	2020-04-0: JHU	OCT'19-FE
AC_EST -- MAR.2020	2020	3 P	2020-04-0: DADAVIS	OCT'19-FE
Reclass between accounts	2020	3 P	2020-03-1: JHU	M.Cubed
Reclass between accounts	2020	2 P	2020-03-1: SZHU	M.Cubed
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0: JHU	01439858 PROVOST &
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-0: DADAVIS	01439858 PROVOST &
AP Vouchers	2020	3 P	2020-03-3: OPERATOR01439858	Review of S
AC_EST - APR.2020	2020	5 P	2020-05-0: TDING	NOV'19-M/
AC_EST - APR.2020	2020	4 P	2020-05-0: DADAVIS	NOV'19-M/
AC_EST -- MAR.2020	2020	4 P	2020-04-0: JHU	OCT'19-FE
AC_EST -- MAR.2020	2020	3 P	2020-04-0: DADAVIS	OCT'19-FE
AC_EST -- FEB.2020	2020	3 P	2020-03-0: JHU	SEP'19-JAN
AC_EST -- FEB.2020	2020	2 P	2020-03-0: DADAVIS	SEP'19-JAN
AC_EST - JAN.2020	2020	2 P	2020-02-0: JHU	AUG'19-DE
AC_EST - JAN.2020	2020	1 P	2020-02-0: DADAVIS	AUG'19-DE
AC_EST - DEC.2019	2020	1 P	2020-01-0: JHU	JUL'19-DEC
POWERPLANT JOURNAL	2020	12 P	2021-01-1: POWERPLNT	PPLANT EN



















**Attachment 2-5:  
CONFIDENTIAL Cal Water's Response to  
Cal Advocates Data Request CR8-006,  
Attachment #4 - Question 2c**

**Attachment 2-6:  
CONFIDENTIAL Cal Water's Response to  
Cal Advocates Data Request CR8-006  
Attachment #5 - Question 2d**

**Attachment 2-7:**  
**CONFIDENTIAL Cal Water's Response to**  
**Cal Advocates Data Request CR8-006**  
**Attachment #6 - Question 2e**

**Attachments 2-8:  
Cal Water's Response to Cal Advocates  
Data Request CR8-006  
Attachment #2 - Question 3**



Unit	Line Date	Journal ID	Dept	Account	Amount	Line #	Project	Stat Amt	Stat
CWSCO	2021-02-0	51NA	116	721000	84.31	36		0	
CWSCO	2021-02-0	24NA	116	721000	195.95	37		0	
CWSCO	2021-02-0	24NA	116	721000	7379.26	36		0	
CWSCO	2021-02-0	04NA	116	721000	105.84	26		0	
CWSCO	2021-02-0	04NA	116	721000	7476.39	23		0	
CWSCO	2022-08-0	24NA	118	721000	1761.05	45		0	
CWSCO	2022-08-0	24NA	118	721000	-314.45	36		0	
CWSCO	2022-08-0	24NA	118	721000	26.3	32		0	
CWSCO	2022-08-0	04NA	118	721000	2038.32	9		0	
CWSCO	2020-10-0	AP002126	152	722000	1767.17	785		0	
CWSCO	2019-12-3	XPO01973	152	725000	7500	1025		0	
CWSCO	2019-12-3	XPO01973	152	725000	2342.5	148		0	
CWSCO	2019-12-0	XPO01956	152	725000	-3958.68	672		0	
CWSCO	2019-12-0	XPO01956	152	725000	-3148.43	610		0	
CWSCO	2019-12-0	XPO01956	152	725000	-1748.23	594		0	
CWSCO	2019-12-0	XPO01956	152	725000	-1952.9	593		0	
CWSCO	2019-12-0	XPO01956	152	725000	-2348.89	455		0	
CWSCO	2019-12-0	XPO01956	152	725000	-8525.84	168		0	
CWSCO	2019-12-0	XPO01956	152	725000	-2982.97	162		0	
CWSCO	2019-12-0	XPO01956	152	725000	-2342.5	161		0	
CWSCO	2019-11-3	XPO01956	152	725000	3958.68	672		0	
CWSCO	2019-11-3	XPO01956	152	725000	3148.43	610		0	
CWSCO	2019-11-3	XPO01956	152	725000	1748.23	594		0	
CWSCO	2019-11-3	XPO01956	152	725000	1952.9	593		0	
CWSCO	2019-11-3	XPO01956	152	725000	2348.89	455		0	
CWSCO	2019-11-3	XPO01956	152	725000	8525.84	168		0	
CWSCO	2019-11-3	XPO01956	152	725000	2982.97	162		0	
CWSCO	2019-11-3	XPO01956	152	725000	2342.5	161		0	
CWSCO	2019-11-0	XPO01941	152	725000	-3958.68	720		0	
CWSCO	2019-11-0	XPO01941	152	725000	-3148.43	657		0	
CWSCO	2019-11-0	XPO01941	152	725000	-1748.23	633		0	
CWSCO	2019-11-0	XPO01941	152	725000	-1952.9	632		0	
CWSCO	2019-11-0	XPO01941	152	725000	-2348.89	474		0	
CWSCO	2019-11-0	XPO01941	152	725000	-8525.84	145		0	
CWSCO	2019-11-0	XPO01941	152	725000	-2982.97	137		0	
CWSCO	2019-11-0	XPO01941	152	725000	-2342.5	136		0	
CWSCO	2019-10-3	XPO01941	152	725000	3958.68	720		0	
CWSCO	2019-10-3	XPO01941	152	725000	3148.43	657		0	
CWSCO	2019-10-3	XPO01941	152	725000	1748.23	633		0	
CWSCO	2019-10-3	XPO01941	152	725000	1952.9	632		0	
CWSCO	2019-10-3	XPO01941	152	725000	2348.89	474		0	
CWSCO	2019-10-3	XPO01941	152	725000	8525.84	145		0	
CWSCO	2019-10-3	XPO01941	152	725000	2982.97	137		0	

CWSCO	2019-10-3	XPO01941	152	725000	2342.5	136	0
CWSCO	2019-10-0	XPO01922	152	725000	-2036.85	779	0
CWSCO	2019-10-0	XPO01922	152	725000	-3148.43	698	0
CWSCO	2019-10-0	XPO01922	152	725000	-1748.23	678	0
CWSCO	2019-10-0	XPO01922	152	725000	-1952.9	677	0
CWSCO	2019-10-0	XPO01922	152	725000	-8525.84	136	0
CWSCO	2019-10-0	XPO01922	152	725000	-2982.97	133	0
CWSCO	2019-10-0	XPO01922	152	725000	-2342.5	132	0
CWSCO	2019-09-3	XPO01922	152	725000	2036.85	779	0
CWSCO	2019-09-3	XPO01922	152	725000	3148.43	698	0
CWSCO	2019-09-3	XPO01922	152	725000	1748.23	678	0
CWSCO	2019-09-3	XPO01922	152	725000	1952.9	677	0
CWSCO	2019-09-3	XPO01922	152	725000	8525.84	136	0
CWSCO	2019-09-3	XPO01922	152	725000	2982.97	133	0
CWSCO	2019-09-3	XPO01922	152	725000	2342.5	132	0
CWSCO	2019-09-0	XPO01904	152	725000	-900	814	0
CWSCO	2019-09-0	XPO01904	152	725000	-3148.43	738	0
CWSCO	2019-09-0	XPO01904	152	725000	-750	717	0
CWSCO	2019-09-0	XPO01904	152	725000	-750	716	0
CWSCO	2019-09-0	XPO01904	152	725000	-8525.84	152	0
CWSCO	2019-09-0	XPO01904	152	725000	-2982.97	144	0
CWSCO	2019-09-0	XPO01904	152	725000	-2342.5	135	0
CWSCO	2019-08-3	XPO01904	152	725000	900	814	0
CWSCO	2019-08-3	XPO01904	152	725000	3148.43	738	0
CWSCO	2019-08-3	XPO01904	152	725000	750	717	0
CWSCO	2019-08-3	XPO01904	152	725000	750	716	0
CWSCO	2019-08-3	XPO01904	152	725000	8525.84	152	0
CWSCO	2019-08-3	XPO01904	152	725000	2982.97	144	0
CWSCO	2019-08-3	XPO01904	152	725000	2342.5	135	0
CWSCO	2019-08-0	XPO01886	152	725000	-3148.43	814	0
CWSCO	2019-08-0	XPO01886	152	725000	-2348.89	605	0
CWSCO	2019-08-0	XPO01886	152	725000	-8525.84	147	0
CWSCO	2019-08-0	XPO01886	152	725000	-2982.97	139	0
CWSCO	2019-08-0	XPO01886	152	725000	-2342.5	130	0
CWSCO	2019-07-3	XPO01886	152	725000	3148.43	814	0
CWSCO	2019-07-3	XPO01886	152	725000	2348.89	605	0
CWSCO	2019-07-3	XPO01886	152	725000	8525.84	147	0
CWSCO	2019-07-3	XPO01886	152	725000	2982.97	139	0
CWSCO	2019-07-3	XPO01886	152	725000	2342.5	130	0
CWSCO	2019-07-0	XPO01868	152	725000	-8525.84	145	0
CWSCO	2019-07-0	XPO01868	152	725000	-2982.97	137	0
CWSCO	2019-07-0	XPO01868	152	725000	-2342.5	128	0
CWSCO	2019-06-3	XPO01868	152	725000	8525.84	145	0
CWSCO	2019-06-3	XPO01868	152	725000	2982.97	137	0

CWSCO	2019-06-31	XPO01868	152	725000	2342.5	128	0
CWSCO	2019-06-0	XPO01852	152	725000	-1179.92	531	0
CWSCO	2019-06-0	XPO01852	152	725000	-2000	494	0
CWSCO	2019-06-0	XPO01852	152	725000	-29124	415	0
CWSCO	2019-06-0	XPO01852	152	725000	-20000	387	0
CWSCO	2019-06-0	XPO01852	152	725000	-8525.84	132	0
CWSCO	2019-05-3	XPO01852	152	725000	1179.92	531	0
CWSCO	2019-05-3	XPO01852	152	725000	2000	494	0
CWSCO	2019-05-3	XPO01852	152	725000	29124	415	0
CWSCO	2019-05-3	XPO01852	152	725000	20000	387	0
CWSCO	2019-05-3	XPO01852	152	725000	8525.84	132	0
CWSCO	2019-04-0	XPO01816	152	725000	-650	683	0
CWSCO	2019-04-0	XPO01816	152	725000	-2000	630	0
CWSCO	2019-04-0	XPO01816	152	725000	-29124	545	0
CWSCO	2019-04-0	XPO01816	152	725000	-20000	505	0
CWSCO	2019-04-0	XPO01816	152	725000	-8525.84	139	0
CWSCO	2019-03-3	XPO01816	152	725000	650	683	0
CWSCO	2019-03-3	XPO01816	152	725000	2000	630	0
CWSCO	2019-03-3	XPO01816	152	725000	29124	545	0
CWSCO	2019-03-3	XPO01816	152	725000	20000	505	0
CWSCO	2019-03-3	XPO01816	152	725000	8525.84	139	0
CWSCO	2019-03-0	XPO01800	152	725000	-20000	658	0
CWSCO	2019-03-0	XPO01800	152	725000	-8525.84	161	0
CWSCO	2019-02-21	XPO01800	152	725000	20000	658	0
CWSCO	2019-02-21	XPO01800	152	725000	8525.84	161	0
CWSCO	2019-02-0	XPO01784	152	725000	-8525.84	185	0
CWSCO	2019-01-3	XPO01784	152	725000	8525.84	185	0
CWSCO	2019-01-0	XPO01766	152	725000	-8525.84	184	0
CWSCO	2019-05-3	RCL053111	152	725000	32.38	18	0
CWSCO	2019-05-3	RCL053111	152	725000	-362.86	18	0
CWSCO	2019-05-3	RCL053111	152	725000	362.86	18	0
CWSCO	2019-11-0	RA001941	152	725000	-2	54	0
CWSCO	2019-11-0	RA001941	152	725000	-2577.04	21	0
CWSCO	2019-10-3	RA001941	152	725000	2	54	0
CWSCO	2019-10-3	RA001941	152	725000	2577.04	21	0
CWSCO	2019-10-0	RA001922	152	725000	-2	164	0
CWSCO	2019-10-0	RA001922	152	725000	-2577.04	121	0
CWSCO	2019-09-31	RA001922	152	725000	2	164	0
CWSCO	2019-09-31	RA001922	152	725000	2577.04	121	0
CWSCO	2019-09-0	RA001904	152	725000	-2	178	0
CWSCO	2019-09-0	RA001904	152	725000	-2577.04	135	0
CWSCO	2019-08-3	RA001904	152	725000	2	178	0
CWSCO	2019-08-3	RA001904	152	725000	2577.04	135	0
CWSCO	2019-08-0	RA001886	152	725000	-1225	3509	0

CWSCO	2019-08-0	RA001886	152	725000	-2	190	0
CWSCO	2019-08-0	RA001886	152	725000	-2577.04	141	0
CWSCO	2019-07-3	RA001886	152	725000	1225	3509	0
CWSCO	2019-07-3	RA001886	152	725000	2	190	0
CWSCO	2019-07-3	RA001886	152	725000	2577.04	141	0
CWSCO	2019-07-0	RA001868	152	725000	-2	242	0
CWSCO	2019-07-0	RA001868	152	725000	-2577.04	157	0
CWSCO	2019-06-3	RA001868	152	725000	2	242	0
CWSCO	2019-06-3	RA001868	152	725000	2577.04	157	0
CWSCO	2019-06-0	RA001852	152	725000	-2380	1484	0
CWSCO	2019-06-0	RA001852	152	725000	-927.5	1067	0
CWSCO	2019-06-0	RA001852	152	725000	-1400	1065	0
CWSCO	2019-06-0	RA001852	152	725000	-1960	1049	0
CWSCO	2019-06-0	RA001852	152	725000	-2	854	0
CWSCO	2019-06-0	RA001852	152	725000	-2577.04	553	0
CWSCO	2019-06-0	RA001852	152	725000	-25137.2	527	0
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CWSCO	2019-06-0	RA001852	152	725000	-2342.5	11	0
CWSCO	2019-05-3	RA001852	152	725000	2380	1484	0
CWSCO	2019-05-3	RA001852	152	725000	927.5	1067	0
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CWSCO	2019-05-3	RA001852	152	725000	2577.04	553	0
CWSCO	2019-05-3	RA001852	152	725000	25137.19	527	0
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CWSCO	2019-05-3	RA001852	152	725000	2982.97	13	0
CWSCO	2019-05-3	RA001852	152	725000	2342.5	11	0
CWSCO	2019-05-0	RA001834	152	725000	-2	948	0
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CWSCO	2019-05-0	RA001834	152	725000	-25137.2	529	0
CWSCO	2019-05-0	RA001834	152	725000	-14629.7	527	0
CWSCO	2019-05-0	RA001834	152	725000	-2982.97	13	0
CWSCO	2019-05-0	RA001834	152	725000	-2342.5	11	0
CWSCO	2019-04-3	RA001834	152	725000	2	948	0
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CWSCO	2019-04-3	RA001834	152	725000	25137.19	529	0
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CWSCO	2019-04-3	RA001834	152	725000	2342.5	11	0
CWSCO	2019-04-0	RA001816	152	725000	-2577.04	671	0
CWSCO	2019-04-0	RA001816	152	725000	-25137.2	627	0
CWSCO	2019-04-0	RA001816	152	725000	-14629.7	625	0

CWSCO	2019-04-0	RA001816	152	725000	-2982.97	13	0
CWSCO	2019-04-0	RA001816	152	725000	-2342.5	11	0
CWSCO	2019-03-3	RA001816	152	725000	2577.04	671	0
CWSCO	2019-03-3	RA001816	152	725000	25137.19	627	0
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CWSCO	2019-03-0	RA001800	152	725000	-2577.04	1046	0
CWSCO	2019-03-0	RA001800	152	725000	-25137.2	985	0
CWSCO	2019-03-0	RA001800	152	725000	-14629.7	983	0
CWSCO	2019-03-0	RA001800	152	725000	-2982.97	15	0
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CWSCO	2019-02-2	RA001800	152	725000	2577.04	1046	0
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CWSCO	2019-12-3	EXPC1231	152	725000	305.82	3829	0
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CWSCO	2019-01-0	EXPC1231	152	725000	-43.39	3603	0
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CWSCO	2019-01-0	EXPC1231	152	725000	-1081.97	3595	0
CWSCO	2019-01-0	EXPC1231	152	725000	-326.29	3594	0
CWSCO	2019-10-0	EXPC0930	152	725000	-274.92	3402	0
CWSCO	2019-09-3	EXPC0930	152	725000	274.92	3402	0
CWSCO	2019-09-0	EXPC0831	152	725000	-274.92	3360	0
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CWSCO	2019-09-0	EXPC0831	152	725000	-43.15	3260	0
CWSCO	2019-08-3	EXPC0831	152	725000	274.92	3360	0
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CWSCO	2019-08-0	EXPC0731	152	725000	-43.15	3011	0
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CWSCO	2019-08-0	EXPC0731	152	725000	-912.41	3009	0
CWSCO	2019-08-0	EXPC0731	152	725000	-1618.1	3008	0
CWSCO	2019-08-0	EXPC0731	152	725000	-3059	3007	0
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CWSCO	2019-07-0	EXPC0630	152	725000	-345.62	2891	0
CWSCO	2019-07-0	EXPC0630	152	725000	-118.54	2890	0
CWSCO	2019-07-0	EXPC0630	152	725000	-3059	2889	0
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CWSCO	2019-07-0	EXPC0630	152	725000	-43.15	2887	0
CWSCO	2019-07-0	EXPC0630	152	725000	-134.48	2886	0
CWSCO	2019-06-31	EXPC0630	152	725000	345.62	2891	0
CWSCO	2019-06-31	EXPC0630	152	725000	118.54	2890	0
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CWSCO	2019-06-0	EXPC0531	152	725000	-386.91	5763	0
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CWSCO	2019-06-0	EXPC0531	152	725000	-173.92	4818	0
CWSCO	2019-06-0	EXPC0531	152	725000	-161.13	4730	0
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CWSCO	2019-06-0	EXPC0531	152	725000	-118.54	4347	0
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CWSCO	2019-06-0	EXPC0531	152	725000	-45.44	3032	0
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CWSCO	2019-06-0	EXPC0531	152	725000	-32.42	2484	0
CWSCO	2019-06-0	EXPC0531	152	725000	-29.82	2320	0
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CWSCO	2019-05-0	EXPC0430	152	725000	-161.13	3001	0
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CWSCO	2019-05-0	EXPC0430	152	725000	-397.86	2909	0
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CWSCO	2019-04-2	EXPC0430	152	725000	3.41	3025	0
CWSCO	2019-04-2	EXPC0430	152	725000	134.48	3012	0
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CWSCO	2019-04-2	EXPC0430	152	725000	194.77	3005	0
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CWSCO	2019-04-2	EXPC0430	152	725000	741.02	3002	0
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CWSCO	2019-04-2	EXPC0430	152	725000	116.13	2999	0
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CWSCO	2019-04-2	EXPC0430	152	725000	43.15	2925	0
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CWSCO	2019-04-0	EXPC0331	152	725000	-530.01	3270	0
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CWSCO	2019-04-0	EXPC0331	152	725000	-371.34	3266	0
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CWSCO	2019-04-0	EXPC0331	152	725000	-3554	3258	0
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CWSCO	2019-04-0	EXPC0331	152	725000	-1745	3254	0
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CWSCO	2019-03-0	EXPC0228	152	725000	-1745	3862	0
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CWSCO	2019-02-2	EXPC0228	152	725000	530.01	3868	0
CWSCO	2019-02-2	EXPC0228	152	725000	20.02	3867	0
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CWSCO	2019-02-2	EXPC0228	152	725000	1745	3862	0
CWSCO	2019-02-2	EXPC0228	152	725000	173.92	3861	0
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CWSCO	2019-02-0	EXPC0131	152	725000	-43.15	3733	0
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CWSCO	2019-02-0	EXPC0131	152	725000	-4401.26	3724	0
CWSCO	2019-02-0	EXPC0131	152	725000	-1104.65	3723	0
CWSCO	2019-02-0	EXPC0131	152	725000	-27.58	3722	0
CWSCO	2019-02-0	EXPC0131	152	725000	-12.08	3721	0
CWSCO	2019-02-0	EXPC0131	152	725000	-26.96	3720	0
CWSCO	2019-01-3	EXPC0131	152	725000	43.15	3733	0
CWSCO	2019-01-3	EXPC0131	152	725000	979.39	3732	0
CWSCO	2019-01-3	EXPC0131	152	725000	326.29	3731	0
CWSCO	2019-01-3	EXPC0131	152	725000	17.59	3730	0
CWSCO	2019-01-3	EXPC0131	152	725000	29.93	3729	0
CWSCO	2019-01-3	EXPC0131	152	725000	223.82	3728	0
CWSCO	2019-01-3	EXPC0131	152	725000	173.92	3727	0
CWSCO	2019-01-3	EXPC0131	152	725000	116.13	3726	0
CWSCO	2019-01-3	EXPC0131	152	725000	136.56	3725	0
CWSCO	2019-01-3	EXPC0131	152	725000	4401.26	3724	0
CWSCO	2019-01-3	EXPC0131	152	725000	1104.65	3723	0
CWSCO	2019-01-3	EXPC0131	152	725000	27.58	3722	0
CWSCO	2019-01-3	EXPC0131	152	725000	12.08	3721	0
CWSCO	2019-01-3	EXPC0131	152	725000	26.96	3720	0
CWSCO	2019-11-2	EXP01954	152	725000	6759.41	639	0
CWSCO	2019-11-1	EXP01947	152	725000	60.76	599	0
CWSCO	2019-10-3	EXP01938	152	725000	559.76	297	0
CWSCO	2019-10-2	EXP01932	152	725000	82.56	381	0
CWSCO	2019-09-2	EXP01917	152	725000	425.52	245	0
CWSCO	2019-09-1	EXP01911	152	725000	43.15	897	0
CWSCO	2019-08-0	EXP01890	152	725000	22.54	511	0
CWSCO	2019-08-0	EXP01890	152	725000	29.81	509	0
CWSCO	2019-08-0	EXP01890	152	725000	7.59	505	0

CWSCO	2019-08-01	EXP018901	152	725000	3059	503	0
CWSCO	2019-08-01	EXP018901	152	725000	194.77	501	0
CWSCO	2019-08-01	EXP018901	152	725000	134.48	3	0
CWSCO	2019-07-21	EXP018811	152	725000	49.76	335	0
CWSCO	2019-07-11	EXP018761	152	725000	40.4	281	0
CWSCO	2019-07-11	EXP018761	152	725000	78.38	279	0
CWSCO	2019-07-11	EXP018761	152	725000	22.98	277	0
CWSCO	2019-06-11	EXP018591	152	725000	14.18	485	0
CWSCO	2019-06-11	EXP018591	152	725000	5.84	483	0
CWSCO	2019-06-11	EXP018591	152	725000	29.82	481	0
CWSCO	2019-06-11	EXP018591	152	725000	69.59	479	0
CWSCO	2019-06-11	EXP018591	152	725000	278.67	477	0
CWSCO	2019-06-11	EXP018591	152	725000	144.43	475	0
CWSCO	2019-06-11	EXP018591	152	725000	371.34	473	0
CWSCO	2019-06-11	EXP018591	152	725000	45.44	471	0
CWSCO	2019-06-11	EXP018591	152	725000	202	467	0
CWSCO	2019-06-11	EXP018591	152	725000	32.42	465	0
CWSCO	2019-06-11	EXP018591	152	725000	741.02	461	0
CWSCO	2019-06-11	EXP018591	152	725000	161.13	459	0
CWSCO	2019-06-11	EXP018591	152	725000	64.24	457	0
CWSCO	2019-06-11	EXP018591	152	725000	45.89	455	0
CWSCO	2019-06-11	EXP018591	152	725000	93.39	453	0
CWSCO	2019-06-11	EXP018591	152	725000	116.13	451	0
CWSCO	2019-06-11	EXP018591	152	725000	173.92	449	0
CWSCO	2019-06-11	EXP018591	152	725000	5.01	445	0
CWSCO	2019-06-11	EXP018591	152	725000	7.05	443	0
CWSCO	2019-06-11	EXP018591	152	725000	56.99	441	0
CWSCO	2019-06-11	EXP018591	152	725000	222.21	307	0
CWSCO	2019-06-11	EXP018591	152	725000	106.84	305	0
CWSCO	2019-06-11	EXP018591	152	725000	192.38	303	0
CWSCO	2019-06-11	EXP018591	152	725000	386.91	295	0
CWSCO	2019-05-21	EXP018441	152	725000	10.83	479	0
CWSCO	2019-05-01	EXP018381	152	725000	773.68	419	0
CWSCO	2019-05-01	EXP018371	152	725000	278.61	239	0
CWSCO	2019-05-01	EXP018371	152	725000	13.59	187	0
CWSCO	2019-05-01	EXP018371	152	725000	397.86	171	0
CWSCO	2019-05-01	EXP018371	152	725000	3.41	169	0
CWSCO	2019-05-01	EXP018371	152	725000	979.39	9	0
CWSCO	2019-04-11	EXP018261	152	725000	357.09	305	0
CWSCO	2019-04-11	EXP018261	152	725000	278.61	303	0
CWSCO	2019-04-11	EXP018241	152	725000	100.89	279	0
CWSCO	2019-04-11	EXP018231	152	725000	1745	287	0
CWSCO	2019-04-01	EXP018211	152	725000	680.38	503	0
CWSCO	2019-04-01	EXP018201	152	725000	35.89	601	0

CWSCO	2019-04-0	EXP01820	152	725000	12.08	595	0
CWSCO	2019-04-0	EXP01820	152	725000	27.58	593	0
CWSCO	2019-04-0	EXP01818	118	725000	3554	131	0
CWSCO	2019-04-0	EXP01818	118	725000	136.56	129	0
CWSCO	2019-04-0	EXP01818	118	725000	85	127	0
CWSCO	2019-04-0	EXP01817	152	725000	2200	353	0
CWSCO	2019-03-2	EXP01813	152	725000	215.83	393	0
CWSCO	2019-03-1	EXP01807	152	725000	343.44	257	0
CWSCO	2019-03-1	EXP01806	152	725000	421.84	477	0
CWSCO	2019-03-0	EXP01802	152	725000	50	101	0
CWSCO	2019-03-0	EXP01802	152	725000	265.64	323	0
CWSCO	2019-03-0	EXP01802	152	725000	326.29	21	0
CWSCO	2019-02-2	EXP01797	152	725000	10.24	149	0
CWSCO	2019-02-2	EXP01797	152	725000	29.93	191	0
CWSCO	2019-02-2	EXP01797	152	725000	17.59	189	0
CWSCO	2019-02-1	EXP01789	152	725000	716.98	1047	0
CWSCO	2019-02-0	EXP01788	152	725000	711.55	657	0
CWSCO	2019-02-0	EXP01787	152	725000	1800	259	0
CWSCO	2019-01-2	EXP01776	152	725000	41.31	85	0
CWSCO	2019-01-2	EXP01776	152	725000	102.5	83	0
CWSCO	2019-01-2	EXP01776	152	725000	257.77	71	0
CWSCO	2019-01-2	EXP01776	152	725000	28.58	69	0
CWSCO	2019-01-1	EXP01775	152	725000	33.81	287	0
CWSCO	2019-01-1	EXP01775	152	725000	158.6	281	0
CWSCO	2019-01-1	EXP01772	152	725000	126.88	661	0
CWSCO	2019-01-0	EXP01769	152	725000	161.76	719	0
CWSCO	2019-01-0	EXP01767	152	725000	328.42	229	0
CWSCO	2019-01-0	EXP01767	152	725000	219.69	227	0
CWSCO	2019-12-0	APA11301	152	725000	-20	2401	0
CWSCO	2019-12-0	APA11301	152	725000	-3148.43	2240	0
CWSCO	2019-11-3	APA11301	152	725000	20	2401	0
CWSCO	2019-11-3	APA11301	152	725000	3148.43	2240	0
CWSCO	2019-11-0	APA10311	152	725000	-3148.43	1615	0
CWSCO	2019-10-3	APA10311	152	725000	3148.43	1615	0
CWSCO	2019-10-0	APA09301	152	725000	-3148.43	458	0
CWSCO	2019-09-3	APA09301	152	725000	3148.43	458	0
CWSCO	2019-08-0	APA07312	152	725000	-20	479	0
CWSCO	2019-07-3	APA07312	152	725000	20	479	0
CWSCO	2019-05-0	APA01834	152	725000	-207.05	180	0
CWSCO	2019-04-3	APA01834	152	725000	207.05	180	0
CWSCO	2019-04-0	APA01816	118	725000	-20	518	0
CWSCO	2019-03-3	APA01816	118	725000	20	518	0
CWSCO	2019-12-3	AP001970	152	725000	20	558	0
CWSCO	2019-12-3	AP001969	118	725000	16.54	739	0

CWSCO	2019-12-31	AP001969	118	725000	2.69	737	0
CWSCO	2019-12-31	AP001969	152	725000	187.5	734	0
CWSCO	2019-12-2	AP001968	152	725000	1921.83	498	0
CWSCO	2019-12-2	AP001968	152	725000	2036.85	497	0
CWSCO	2019-12-2	AP001968	152	725000	1952.9	496	0
CWSCO	2019-12-2	AP001968	152	725000	1748.23	495	0
CWSCO	2019-12-2	AP001967	152	725000	17423.52	528	0
CWSCO	2019-12-2	AP001966	116	725000	38.46	578	0
CWSCO	2019-12-2	AP001966	116	725000	15.26	577	0
CWSCO	2019-12-2	AP001966	116	725000	22.22	576	0
CWSCO	2019-12-2	AP001966	116	725000	6.49	575	0
CWSCO	2019-12-1	AP001963	116	725000	1.84	615	0
CWSCO	2019-12-1	AP001963	116	725000	15.17	614	0
CWSCO	2019-12-0	AP001958	152	725000	1646.61	832	0
CWSCO	2019-12-0	AP001957	152	725000	3148.43	1316	0
CWSCO	2019-12-0	AP001956	118	725000	16.69	1078	0
CWSCO	2019-12-0	AP001956	118	725000	3.47	1077	0
CWSCO	2019-11-2	AP001950	116	725000	23.59	537	0
CWSCO	2019-11-2	AP001950	116	725000	6.81	536	0
CWSCO	2019-11-1	AP001947	118	725000	121.46	13	0
CWSCO	2019-11-1	AP001947	116	725000	45.45	12	0
CWSCO	2019-11-1	AP001947	116	725000	41.78	690	0
CWSCO	2019-11-1	AP001947	116	725000	15.22	689	0
CWSCO	2019-11-1	AP001947	116	725000	2.39	687	0
CWSCO	2019-11-1	AP001947	116	725000	13.55	686	0
CWSCO	2019-11-1	AP001947	118	725000	-121.46	685	0
CWSCO	2019-11-1	AP001947	116	725000	-45.45	684	0
CWSCO	2019-11-1	AP001946	152	725000	1400	517	0
CWSCO	2019-10-3	AP001938	118	725000	16.77	690	0
CWSCO	2019-10-3	AP001938	118	725000	4.36	687	0
CWSCO	2019-10-1	AP001930	116	725000	40.32	667	0
CWSCO	2019-10-1	AP001930	116	725000	15.08	666	0
CWSCO	2019-10-1	AP001930	116	725000	2.46	665	0
CWSCO	2019-10-1	AP001930	116	725000	13.54	664	0
CWSCO	2019-10-1	AP001930	116	725000	23.9	663	0
CWSCO	2019-10-1	AP001930	116	725000	6.6	662	0
CWSCO	2019-10-0	AP001925	152	725000	20	500	0
CWSCO	2019-10-0	AP001923	118	725000	16.96	1634	0
CWSCO	2019-10-0	AP001923	118	725000	4.36	1631	0
CWSCO	2019-09-1	AP001914	116	725000	24.34	1146	0
CWSCO	2019-09-1	AP001914	116	725000	6.89	1145	0
CWSCO	2019-09-1	AP001914	116	725000	40.82	1143	0
CWSCO	2019-09-1	AP001914	116	725000	15.01	1142	0
CWSCO	2019-09-1	AP001914	116	725000	2.49	1141	0

CWSCO	2019-09-1	AP001914	116	725000	14.58	1140	0
CWSCO	2019-09-0	AP001908	152	725000	1505	638	0
CWSCO	2019-08-2	AP001900	118	725000	17.61	779	0
CWSCO	2019-08-2	AP001900	118	725000	4.36	778	0
CWSCO	2019-08-1	AP001895	116	725000	40.01	675	0
CWSCO	2019-08-1	AP001895	116	725000	14.49	674	0
CWSCO	2019-08-1	AP001895	116	725000	13.58	672	0
CWSCO	2019-08-1	AP001895	116	725000	2.29	671	0
CWSCO	2019-08-1	AP001895	116	725000	22.8	670	0
CWSCO	2019-08-1	AP001895	116	725000	6.47	669	0
CWSCO	2019-08-1	AP001893	152	725000	3920	366	0
CWSCO	2019-08-1	AP001892	152	725000	2100	558	0
CWSCO	2019-08-0	AP001890	152	725000	1225	713	0
CWSCO	2019-08-0	AP001888	152	725000	20	486	0
CWSCO	2019-07-3	AP001884	118	725000	16.98	608	0
CWSCO	2019-07-3	AP001884	118	725000	4.33	605	0
CWSCO	2019-07-1	AP001876	152	725000	2987	983	0
CWSCO	2019-07-1	AP001876	152	725000	1100	982	0
CWSCO	2019-07-1	AP001876	116	725000	38.72	981	0
CWSCO	2019-07-1	AP001876	116	725000	13.6	980	0
CWSCO	2019-07-1	AP001876	116	725000	13.26	978	0
CWSCO	2019-07-1	AP001876	116	725000	2.25	977	0
CWSCO	2019-07-1	AP001876	116	725000	24.04	976	0
CWSCO	2019-07-1	AP001876	116	725000	6.34	975	0
CWSCO	2019-07-1	AP001875	152	725000	2651.11	462	0
CWSCO	2019-06-2	AP001865	118	725000	17.64	550	0
CWSCO	2019-06-2	AP001865	118	725000	4.27	548	0
CWSCO	2019-06-2	AP001862	152	725000	2420	432	0
CWSCO	2019-06-2	AP001862	152	725000	2240	431	0
CWSCO	2019-06-2	AP001862	152	725000	840	430	0
CWSCO	2019-06-2	AP001862	152	725000	1960	429	0
CWSCO	2019-06-2	AP001862	152	725000	927.5	428	0
CWSCO	2019-06-2	AP001862	152	725000	1400	427	0
CWSCO	2019-06-2	AP001862	152	725000	2380	426	0
CWSCO	2019-06-2	AP001862	152	725000	840	425	0
CWSCO	2019-06-1	AP001860	116	725000	38.08	790	0
CWSCO	2019-06-1	AP001860	116	725000	13.21	789	0
CWSCO	2019-06-1	AP001860	116	725000	14.74	788	0
CWSCO	2019-06-1	AP001860	116	725000	2.53	786	0
CWSCO	2019-06-1	AP001860	116	725000	21.75	785	0
CWSCO	2019-06-1	AP001860	116	725000	5.6	784	0
CWSCO	2019-06-1	AP001858	118	725000	27	283	0
CWSCO	2019-06-0	AP001854	152	725000	1179.92	813	0
CWSCO	2019-05-3	AP001849	118	725000	16.27	775	0

CWSCO	2019-05-3	AP001849	118	725000	3.55	774	0
CWSCO	2019-05-2	AP001845	152	725000	-9800	280	0
CWSCO	2019-05-2	AP001845	152	725000	-5300	279	0
CWSCO	2019-05-2	AP001845	152	725000	-5300	278	0
CWSCO	2019-05-2	AP001845	152	725000	-4400	277	0
CWSCO	2019-05-2	AP001843	152	725000	-15305.9	300	0
CWSCO	2019-05-1	AP001842	116	725000	37.41	744	0
CWSCO	2019-05-1	AP001842	116	725000	13.76	743	0
CWSCO	2019-05-1	AP001842	116	725000	13.39	741	0
CWSCO	2019-05-1	AP001842	116	725000	1.53	740	0
CWSCO	2019-01-0	31_PW3	116	725000	-81.7	28	0
CWSCO	2019-05-1	AP001842	116	725000	21.51	739	0
CWSCO	2019-05-1	AP001842	116	725000	5.63	738	0
CWSCO	2019-05-1	AP001841	152	725000	103	296	0
CWSCO	2019-05-1	AP001841	152	725000	103	295	0
CWSCO	2019-01-0	31_PW3	118	725000	-8.77	44	0
CWSCO	2019-05-1	AP001840	152	725000	103	331	0
CWSCO	2019-05-0	AP001835	152	725000	207.05	369	0
CWSCO	2019-05-0	AP001834	118	725000	16	1756	0
CWSCO	2019-05-0	AP001834	118	725000	2.51	1755	0
CWSCO	2019-04-1	AP001825	116	725000	33.37	635	0
CWSCO	2019-04-1	AP001825	116	725000	12.48	634	0
CWSCO	2019-01-3	31_PW3	116	725000	80.73	28	0
CWSCO	2019-04-1	AP001825	116	725000	12.75	633	0
CWSCO	2019-04-1	AP001825	116	725000	1.32	632	0
CWSCO	2019-04-1	AP001825	116	725000	18.12	631	0
CWSCO	2019-04-1	AP001825	116	725000	4.53	630	0
CWSCO	2019-01-3	31_PW3	118	725000	9.51	45	0
CWSCO	2019-04-0	AP001818	152	725000	5300	436	0
CWSCO	2019-04-0	AP001818	152	725000	5300	435	0
CWSCO	2019-04-0	AP001818	152	725000	9800	434	0
CWSCO	2019-04-0	AP001818	152	725000	4400	433	0
CWSCO	2019-04-0	AP001818	118	725000	20	764	0
CWSCO	2019-03-2	AP001812	118	725000	16.59	642	0
CWSCO	2019-02-0	31_PW3	116	725000	-80.73	28	0
CWSCO	2019-03-2	AP001812	118	725000	2.51	640	0
CWSCO	2019-03-2	AP001810	116	725000	81.47	564	0
CWSCO	2019-03-2	AP001810	116	725000	12.79	563	0
CWSCO	2019-03-2	AP001810	116	725000	14.19	562	0
CWSCO	2019-02-0	31_PW3	118	725000	-9.51	45	0
CWSCO	2019-03-2	AP001810	116	725000	1.55	561	0
CWSCO	2019-03-2	AP001810	116	725000	17.71	560	0
CWSCO	2019-03-2	AP001810	116	725000	4.19	559	0
CWSCO	2019-03-0	AP001803	152	725000	-167.48	335	0

CWSCO	2019-03-0	AP001802	152	725000	2808.57	258	0
CWSCO	2019-02-2	AP001797	118	725000	15.85	1056	0
CWSCO	2019-02-2	31_PW3	116	725000	72.26	28	0
CWSCO	2019-02-2	AP001797	118	725000	2.51	1055	0
CWSCO	2019-02-1	AP001791	152	725000	2422.96	308	0
CWSCO	2019-02-1	AP001790	116	725000	12.79	344	0
CWSCO	2019-02-1	AP001790	116	725000	1.38	343	0
CWSCO	2019-02-2	31_PW3	118	725000	8.24	45	0
CWSCO	2019-02-1	AP001790	116	725000	18.95	342	0
CWSCO	2019-02-1	AP001790	116	725000	4.69	341	0
CWSCO	2019-02-0	AP001785	152	725000	15305.93	348	0
CWSCO	2019-01-3	AP001781	118	725000	15.88	880	0
CWSCO	2019-01-3	AP001781	118	725000	2.51	877	0
CWSCO	2019-01-2	AP001779	118	725000	79.7	276	0
CWSCO	2019-03-0	31_PW3	116	725000	-72.26	28	0
CWSCO	2019-01-1	AP001775	116	725000	34.75	716	0
CWSCO	2019-01-1	AP001775	116	725000	12.88	715	0
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CWSCO	2019-03-0	31_PW3	118	725000	-8.24	45	0
CWSCO	2019-01-1	AP001775	116	725000	19.55	712	0
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CWSCO	2019-01-1	AP001772	152	725000	2633.3	821	0
CWSCO	2019-07-0	AC_WF	152	725000	-5300	878	0
CWSCO	2019-06-3	AC_WF	152	725000	5300	878	0
CWSCO	2019-06-0	AC_WF	118	725000	-23.5	509	0
CWSCO	2019-03-3	31_PW3	116	725000	115.23	28	0
CWSCO	2019-05-3	AC_WF	118	725000	23.5	509	0
CWSCO	2019-01-0	AC_WF	118	725000	-56.2	519	0
CWSCO	2019-12-3	AC_EST	152	725000	3814.02	59	0
CWSCO	2019-12-0	AC_EST	152	725000	-3814.02	62	0
CWSCO	2019-03-3	31_PW3	118	725000	7.39	45	0
CWSCO	2019-11-3	AC_EST	152	725000	3814.02	62	0
CWSCO	2019-11-0	AC_EST	152	725000	-329.32	61	0
CWSCO	2019-10-3	AC_EST	152	725000	329.32	61	0
CWSCO	2019-10-0	AC_EST	152	725000	-370.52	62	0
CWSCO	2019-09-3	AC_EST	152	725000	370.52	62	0
CWSCO	2019-09-0	AC_EST	152	725000	-7233.46	61	0
CWSCO	2019-04-0	31_PW3	116	725000	-115.23	28	0
CWSCO	2019-08-3	AC_EST	152	725000	7233.46	61	0
CWSCO	2019-08-0	AC_EST	152	725000	-7233.46	58	0
CWSCO	2019-08-0	AC_EST	118	725000	-4	54	0
CWSCO	2019-07-3	AC_EST	152	725000	7233.46	58	0
CWSCO	2019-04-0	31_PW3	118	725000	-7.39	45	0



CWSCO	2019-07-3	AC_EST	118	725000	4	54	0
CWSCO	2019-07-0	AC_EST	152	725000	-7718.05	53	0
CWSCO	2019-07-0	AC_EST	118	725000	-4	49	0
CWSCO	2019-06-3	AC_EST	152	725000	7718.05	53	0
CWSCO	2019-06-3	AC_EST	118	725000	4	49	0
CWSCO	2019-04-3	31_PW3	116	725000	78.81	26	0
CWSCO	2019-06-0	AC_EST	152	725000	-7718.05	70	0
CWSCO	2019-06-0	AC_EST	118	725000	-4	66	0
CWSCO	2019-05-3	AC_EST	152	725000	7718.05	70	0
CWSCO	2019-05-3	AC_EST	118	725000	4	66	0
CWSCO	2019-04-3	31_PW3	118	725000	25.88	43	0
CWSCO	2019-05-0	AC_EST	152	725000	-7676.85	72	0
CWSCO	2019-05-0	AC_EST	118	725000	-4	67	0
CWSCO	2019-04-3	AC_EST	152	725000	7676.85	72	0
CWSCO	2019-04-3	AC_EST	118	725000	4	67	0
CWSCO	2019-04-0	AC_EST	152	725000	-484.59	72	0
CWSCO	2019-04-0	AC_EST	118	725000	-4	68	0
CWSCO	2019-05-0	31_PW3	116	725000	-78.81	26	0
CWSCO	2019-03-3	AC_EST	152	725000	484.59	72	0
CWSCO	2019-03-3	AC_EST	118	725000	4	68	0
CWSCO	2019-03-0	AC_EST	152	725000	-2275.17	72	0
CWSCO	2019-02-2	AC_EST	152	725000	2275.17	72	0
CWSCO	2019-05-0	31_PW3	118	725000	-25.88	43	0
CWSCO	2019-02-0	AC_EST	152	725000	-1790.58	74	0
CWSCO	2019-01-3	AC_EST	152	725000	1790.58	74	0
CWSCO	2019-01-0	AC_EST	152	725000	-1790.58	78	0
CWSCO	2019-07-0	AC_AP_3	152	725000	5300	21	0
CWSCO	2019-06-3	AC_AP_3	152	725000	-5300	21	0
CWSCO	2019-05-0	AC_AP_1	152	725000	9800	88	0
CWSCO	2019-05-3	31_PW3	116	725000	79.22	26	0
CWSCO	2019-05-0	AC_AP_1	152	725000	5300	87	0
CWSCO	2019-05-0	AC_AP_1	152	725000	5300	86	0
CWSCO	2019-05-0	AC_AP_1	152	725000	4400	85	0
CWSCO	2019-04-3	AC_AP_1	152	725000	-9800	88	0
CWSCO	2019-05-3	31_PW3	118	725000	9.92	43	0
CWSCO	2019-04-3	AC_AP_1	152	725000	-5300	87	0
CWSCO	2019-04-3	AC_AP_1	152	725000	-5300	86	0
CWSCO	2019-04-3	AC_AP_1	152	725000	-4400	85	0
CWSCO	2019-04-0	AC_AP_02	152	725000	5300	10	0
CWSCO	2019-04-0	AC_AP_02	152	725000	5300	9	0
CWSCO	2019-04-0	AC_AP_02	152	725000	9800	8	0
CWSCO	2019-06-0	31_PW3	116	725000	-79.22	26	0
CWSCO	2019-04-0	AC_AP_02	152	725000	4400	7	0
CWSCO	2019-03-3	AC_AP_02	152	725000	-5300	10	0

CWSCO	2019-03-3	AC_AP_02	152	725000	-5300	9	0
CWSCO	2019-03-3	AC_AP_02	152	725000	-9800	8	0
CWSCO	2019-06-0	31_PW3	118	725000	-9.92	43	0
CWSCO	2019-03-3	AC_AP_02	152	725000	-4400	7	0
CWSCO	2019-12-0	ACAP1210	152	725000	-187.5	185	0
CWSCO	2019-11-3	ACAP1210	152	725000	187.5	185	0
CWSCO	2019-10-0	ACAP1009	152	725000	-20	925	0
CWSCO	2019-09-3	ACAP1009	152	725000	20	925	0
CWSCO	2019-08-0	ACAP0809	152	725000	-3920	685	0
CWSCO	2019-06-3	31_PW3	116	725000	84.04	26	0
CWSCO	2019-07-3	ACAP0809	152	725000	3920	685	0
CWSCO	2019-04-0	ACAP0405	152	725000	-5300	340	0
CWSCO	2019-04-0	ACAP0405	152	725000	-5300	339	0
CWSCO	2019-04-0	ACAP0405	152	725000	-9800	338	0
CWSCO	2019-06-3	31_PW3	118	725000	8.48	43	0
CWSCO	2019-04-0	ACAP0405	152	725000	-4400	337	0
CWSCO	2019-03-3	ACAP0405	152	725000	5300	340	0
CWSCO	2019-03-3	ACAP0405	152	725000	5300	339	0
CWSCO	2019-03-3	ACAP0405	152	725000	9800	338	0
CWSCO	2019-03-3	ACAP0405	152	725000	4400	337	0
CWSCO	2019-02-0	ACAP0208	152	725000	-15305.9	446	0
CWSCO	2019-07-0	31_PW3	116	725000	-84.04	26	0
CWSCO	2019-01-3	ACAP0208	152	725000	15305.93	446	0
CWSCO	2019-12-3	31_PW3	118	725000	8.98	45	0
CWSCO	2019-12-3	31_PW3	116	725000	88.1	28	0
CWSCO	2019-12-0	31_PW3	118	725000	-33.2	45	0
CWSCO	2019-07-0	31_PW3	118	725000	-8.48	43	0
CWSCO	2019-12-0	31_PW3	116	725000	-96.61	28	0
CWSCO	2019-11-3	31_PW3	118	725000	33.2	45	0
CWSCO	2019-11-3	31_PW3	116	725000	96.61	28	0
CWSCO	2019-11-0	31_PW3	118	725000	-10.57	44	0
CWSCO	2019-11-0	31_PW3	116	725000	-95.58	28	0
CWSCO	2019-10-3	31_PW3	118	725000	10.57	44	0
CWSCO	2019-07-3	31_PW3	116	725000	87.74	26	0
CWSCO	2019-10-3	31_PW3	116	725000	95.58	28	0
CWSCO	2019-10-0	31_PW3	118	725000	-29.77	45	0
CWSCO	2019-10-0	31_PW3	116	725000	-116.91	28	0
CWSCO	2019-09-3	31_PW3	118	725000	29.77	45	0
CWSCO	2019-07-3	31_PW3	118	725000	9.55	43	0
CWSCO	2019-09-3	31_PW3	116	725000	116.91	28	0
CWSCO	2019-09-0	31_PW3	118	725000	-8.51	45	0
CWSCO	2019-09-0	31_PW3	116	725000	-92.1	28	0
CWSCO	2019-08-3	31_PW3	118	725000	8.51	45	0
CWSCO	2019-08-3	31_PW3	116	725000	92.1	28	0

CWSCO	2019-08-0	31_PW3	118	725000	-9.55	43	0
CWSCO	2019-08-0	31_PW3	116	725000	-87.74	26	0
CWSCO	2019-03-2	AP001811	102	723000	1155.78	335	0
CWSCO	2019-03-0	AC_AP_1	102	723000	-1155.78	38	0
CWSCO	2019-02-2	AC_AP_1	102	723000	1155.78	38	0
CWSCO	2023-05-1	AP002720	102	723000	4182.68	702	0
CWSCO	2022-12-0	51NA	104	721000	0	55	0
CWSCO	2022-12-0	51NA	104	721000	53708.24	53	0
CWSCO	2022-12-0	51NA	104	721000	85.77	51	0
CWSCO	2022-12-0	51NA	104	721000	40923	50	0
CWSCO	2022-12-0	24NA	104	721000	6954.39	53	0
CWSCO	2022-12-0	24NA	104	721000	106.06	48	0
CWSCO	2022-12-0	24NA	104	721000	-1222.16	44	0
CWSCO	2022-12-0	04NA	104	721000	8191.48	28	0
CWSCO	2019-12-2	EXP01969	104	722000	74.16	75	0
CWSCO	2019-08-2	AP001897	104	722000	-5785.79	284	0
CWSCO	2019-08-2	AP001897	104	722000	-1977.02	283	0
CWSCO	2019-08-2	AP001897	104	722000	-1661.31	282	0
CWSCO	2019-08-2	AP001897	104	722000	-2777.9	281	0
CWSCO	2019-08-2	AP001897	104	722000	-635.64	280	0
CWSCO	2019-07-1	AP001873	104	722000	5785.79	580	0
CWSCO	2019-07-1	AP001873	104	722000	1977.02	579	0
CWSCO	2019-07-1	AP001873	104	722000	1661.31	578	0
CWSCO	2019-07-1	AP001873	104	722000	2777.9	577	0
CWSCO	2019-07-1	AP001873	104	722000	635.64	576	0
CWSCO	2019-08-0	AC_AP_2	104	722000	5785.79	77	0
CWSCO	2019-08-0	AC_AP_2	104	722000	1977.02	76	0
CWSCO	2019-08-0	AC_AP_2	104	722000	1661.31	75	0
CWSCO	2019-08-0	AC_AP_2	104	722000	2777.9	74	0
CWSCO	2019-08-0	AC_AP_2	104	722000	635.64	73	0
CWSCO	2019-07-3	AC_AP_2	104	722000	-5785.79	77	0
CWSCO	2019-07-3	AC_AP_2	104	722000	-1977.02	76	0
CWSCO	2019-07-3	AC_AP_2	104	722000	-1661.31	75	0
CWSCO	2019-07-3	AC_AP_2	104	722000	-2777.9	74	0
CWSCO	2019-07-3	AC_AP_2	104	722000	-635.64	73	0
CWSCO	2020-04-0	RA002023	104	722000	-1890.72	752	0
CWSCO	2020-03-3	RA002023	104	722000	1890.72	752	0
CWSCO	2020-03-0	RA002005	104	722000	-1890.72	1220	0
CWSCO	2020-02-2	RA002005	104	722000	1890.72	1220	0
CWSCO	2020-02-2	EXP02002	104	722000	2559.55	207	0
CWSCO	2020-04-0	AP002024	104	722000	1969.71	784	0
CWSCO	2022-12-0	APA11302	104	723000	-2203.34	616	0
CWSCO	2022-11-3	APA11302	104	723000	2203.34	616	0
CWSCO	2022-11-0	APA10312	104	723000	-2203.34	805	0

CWSCO	2022-10-3	APA10312	104	723000	2203.34	805	0
CWSCO	2022-10-0	APA09302	104	723000	-2203.34	796	0
CWSCO	2022-10-0	APA09302	104	723000	-2807.8	795	0
CWSCO	2022-10-0	APA09302	104	723000	-995.03	794	0
CWSCO	2022-09-3	APA09302	104	723000	2203.34	796	0
CWSCO	2022-09-3	APA09302	104	723000	2807.8	795	0
CWSCO	2022-09-3	APA09302	104	723000	995.03	794	0
CWSCO	2022-05-0	APA04302	104	723000	-1155	480	0
CWSCO	2022-05-0	APA04302	104	723000	-1246.79	479	0
CWSCO	2022-05-0	APA04302	104	723000	-4099.42	478	0
CWSCO	2022-05-0	APA04302	104	723000	-3156.85	477	0
CWSCO	2022-05-0	APA04302	104	723000	-438.87	476	0
CWSCO	2022-05-0	APA04302	104	723000	-1610.88	475	0
CWSCO	2022-05-0	APA04302	104	723000	-1471.21	474	0
CWSCO	2022-04-3	APA04302	104	723000	1155	480	0
CWSCO	2022-04-3	APA04302	104	723000	1246.79	479	0
CWSCO	2022-04-3	APA04302	104	723000	4099.42	478	0
CWSCO	2022-04-3	APA04302	104	723000	3156.85	477	0
CWSCO	2022-04-3	APA04302	104	723000	438.87	476	0
CWSCO	2022-04-3	APA04302	104	723000	1610.88	475	0
CWSCO	2022-04-3	APA04302	104	723000	1471.21	474	0
CWSCO	2022-12-1	AP002619	104	723000	2263.34	510	0
CWSCO	2022-10-2	AP002587	104	723000	2807.8	396	0
CWSCO	2022-10-2	AP002587	104	723000	995.03	395	0
CWSCO	2022-05-0	AP002475	104	723000	1155	387	0
CWSCO	2022-05-0	AP002475	104	723000	3156.85	386	0
CWSCO	2022-05-0	AP002474	104	723000	1246.79	356	0
CWSCO	2022-05-0	AP002474	104	723000	4099.42	355	0
CWSCO	2022-05-0	AP002474	104	723000	438.87	354	0
CWSCO	2022-05-0	AP002474	104	723000	1610.85	353	0
CWSCO	2022-05-0	AP002474	104	723000	1471.21	352	0
CWSCO	2022-12-3	20_CAS_TF	104	723000	-2263.34	4	0
CWSCO	2019-12-3	RA001973	104	724000	2490.65	1997	0
CWSCO	2019-08-0	RA001886	104	724000	-86.75	2227	0
CWSCO	2019-08-0	RA001886	104	724000	-1196.5	2225	0
CWSCO	2019-08-0	RA001886	104	724000	-86.75	2224	0
CWSCO	2019-08-0	RA001886	104	724000	-1196.5	2222	0
CWSCO	2019-08-0	RA001886	104	724000	-86.75	2221	0
CWSCO	2019-08-0	RA001886	104	724000	-1196.5	2219	0
CWSCO	2019-08-0	RA001886	104	724000	-86.75	2218	0
CWSCO	2019-08-0	RA001886	104	724000	-1196.5	2216	0
CWSCO	2019-07-3	RA001886	104	724000	86.75	2227	0
CWSCO	2019-07-3	RA001886	104	724000	1196.5	2225	0
CWSCO	2019-07-3	RA001886	104	724000	86.75	2224	0

CWSCO	2019-07-3	RA001886	104	724000	1196.5	2222	0
CWSCO	2019-07-3	RA001886	104	724000	86.75	2221	0
CWSCO	2019-07-3	RA001886	104	724000	1196.5	2219	0
CWSCO	2019-07-3	RA001886	104	724000	86.75	2218	0
CWSCO	2019-07-3	RA001886	104	724000	1196.5	2216	0
CWSCO	2019-07-0	RA001868	104	724000	-3.24	635	0
CWSCO	2019-07-0	RA001868	104	724000	-44.73	633	0
CWSCO	2019-07-0	RA001868	104	724000	-3.24	632	0
CWSCO	2019-07-0	RA001868	104	724000	-44.73	630	0
CWSCO	2019-07-0	RA001868	104	724000	-3.24	629	0
CWSCO	2019-07-0	RA001868	104	724000	-44.73	627	0
CWSCO	2019-07-0	RA001868	104	724000	-3.47	626	0
CWSCO	2019-07-0	RA001868	104	724000	-47.86	624	0
CWSCO	2019-07-0	RA001868	104	724000	-3.24	623	0
CWSCO	2019-07-0	RA001868	104	724000	-44.73	621	0
CWSCO	2019-07-0	RA001868	104	724000	-3.24	620	0
CWSCO	2019-07-0	RA001868	104	724000	-44.73	618	0
CWSCO	2019-06-3	RA001868	104	724000	3.24	635	0
CWSCO	2019-06-3	RA001868	104	724000	44.73	633	0
CWSCO	2019-06-3	RA001868	104	724000	3.24	632	0
CWSCO	2019-06-3	RA001868	104	724000	44.73	630	0
CWSCO	2019-06-3	RA001868	104	724000	3.24	629	0
CWSCO	2019-06-3	RA001868	104	724000	44.73	627	0
CWSCO	2019-06-3	RA001868	104	724000	3.47	626	0
CWSCO	2019-06-3	RA001868	104	724000	47.86	624	0
CWSCO	2019-06-3	RA001868	104	724000	3.24	623	0
CWSCO	2019-06-3	RA001868	104	724000	44.73	621	0
CWSCO	2019-06-3	RA001868	104	724000	3.24	620	0
CWSCO	2019-06-3	RA001868	104	724000	44.73	618	0
CWSCO	2019-06-0	RA001852	104	724000	-80	1111	0
CWSCO	2019-05-3	RA001852	104	724000	80	1111	0
CWSCO	2019-02-0	RA001784	104	724000	-81.07	1055	0
CWSCO	2019-02-0	RA001784	104	724000	-1118.25	1053	0
CWSCO	2019-01-3	RA001784	104	724000	81.07	1055	0
CWSCO	2019-01-3	RA001784	104	724000	1118.25	1053	0
CWSCO	2019-01-0	MILEAGE_	104	724000	90.76	32	0
CWSCO	2019-12-2	EXP01969	104	724000	16.88	79	0
CWSCO	2019-12-0	EXP01958	104	724000	664.09	165	0
CWSCO	2019-11-2	EXP01954	104	724000	96.31	379	0
CWSCO	2019-11-2	EXP01954	104	724000	25.27	369	0
CWSCO	2019-11-2	EXP01954	104	724000	46.09	365	0
CWSCO	2019-11-1	EXP01945	104	724000	19.22	477	0
CWSCO	2019-10-2	EXP01936	104	724000	17.14	17	0
CWSCO	2019-10-1	EXP01927	104	724000	81.06	1423	0

CWSCO	2019-10-1	EXP01927	104	724000	44.23	1421	0
CWSCO	2019-10-1	EXP01927	104	724000	29.19	1409	0
CWSCO	2019-10-0	EXP01922	104	724000	225.05	65	0
CWSCO	2019-07-1	EXP01876	104	724000	376.22	219	0
CWSCO	2019-07-1	EXP01876	104	724000	27.86	217	0
CWSCO	2019-07-1	EXP01876	104	724000	6.21	207	0
CWSCO	2019-06-0	EXP01855	104	724000	123.04	175	0
CWSCO	2019-05-1	EXP01840	104	724000	67.75	715	0
CWSCO	2019-05-1	EXP01840	104	724000	28.85	713	0
CWSCO	2019-05-1	EXP01840	104	724000	54.13	711	0
CWSCO	2019-05-1	EXP01840	104	724000	716.4	709	0
CWSCO	2019-04-1	EXP01821	104	724000	175.23	181	0
CWSCO	2019-04-1	EXP01821	104	724000	30.92	179	0
CWSCO	2019-04-1	EXP01821	104	724000	75.18	177	0
CWSCO	2019-04-1	EXP01821	104	724000	180.89	175	0
CWSCO	2019-04-1	EXP01821	104	724000	149.9	173	0
CWSCO	2019-04-1	EXP01821	104	724000	48.68	169	0
CWSCO	2019-04-1	EXP01821	104	724000	7.69	167	0
CWSCO	2019-04-1	EXP01821	104	724000	45.76	165	0
CWSCO	2019-04-1	EXP01821	104	724000	39.67	163	0
CWSCO	2019-04-1	EXP01821	104	724000	70.76	161	0
CWSCO	2019-03-2	EXP01812	104	724000	1767.09	75	0
CWSCO	2019-03-2	EXP01812	104	724000	2705.33	73	0
CWSCO	2019-03-2	EXP01812	104	724000	569.1	71	0
CWSCO	2019-03-2	EXP01812	104	724000	154.88	69	0
CWSCO	2019-03-1	EXP01807	104	724000	38.76	243	0
CWSCO	2019-03-1	EXP01807	104	724000	19.91	195	0
CWSCO	2019-03-0	EXP01800	104	724000	102.36	265	0
CWSCO	2019-02-1	EXP01791	104	724000	117.98	125	0
CWSCO	2019-01-2	EXP01779	104	724000	175.24	239	0
CWSCO	2019-01-2	EXP01779	104	724000	243.78	237	0
CWSCO	2019-01-2	EXP01779	104	724000	272.93	235	0
CWSCO	2019-01-2	EXP01779	104	724000	101.45	233	0
CWSCO	2019-01-2	EXP01779	104	724000	82.54	227	0
CWSCO	2019-01-2	EXP01779	104	724000	31.06	225	0
CWSCO	2019-01-2	EXP01779	104	724000	32.38	223	0
CWSCO	2019-01-2	EXP01779	104	724000	51.98	221	0
CWSCO	2019-01-2	EXP01779	104	724000	21.42	219	0
CWSCO	2019-01-2	EXP01779	104	724000	69.7	215	0
CWSCO	2019-01-0	EXP01769	104	724000	21.54	823	0
CWSCO	2019-03-0	APA01800	104	724000	-80	362	0
CWSCO	2019-02-2	APA01800	104	724000	80	362	0
CWSCO	2019-01-0	APA01766	104	724000	-80	217	0
CWSCO	2019-11-2	AP001954	104	724000	379.9	363	0

CWSCO	2019-11-1	AP001947	104	724000	592.38	4	0
CWSCO	2019-11-1	AP001947	104	724000	356.32	659	0
CWSCO	2019-11-1	AP001947	104	724000	-592.38	648	0
CWSCO	2019-09-1	AP001914	104	724000	359.11	1122	0
CWSCO	2019-08-1	AP001894	104	724000	1287.12	674	0
CWSCO	2019-08-1	AP001894	104	724000	1287.12	673	0
CWSCO	2019-08-1	AP001894	104	724000	1287.12	672	0
CWSCO	2019-08-1	AP001894	104	724000	1287.12	671	0
CWSCO	2019-07-2	AP001881	104	724000	356.93	779	0
CWSCO	2019-07-2	AP001881	104	724000	362.31	769	0
CWSCO	2019-07-2	AP001881	104	724000	356.32	759	0
CWSCO	2019-07-1	AP001877	104	724000	53.11	476	0
CWSCO	2019-07-1	AP001877	104	724000	53.11	475	0
CWSCO	2019-07-1	AP001877	104	724000	53.11	474	0
CWSCO	2019-07-1	AP001877	104	724000	53.11	473	0
CWSCO	2019-07-1	AP001877	104	724000	53.11	472	0
CWSCO	2019-07-1	AP001877	104	724000	53.11	471	0
CWSCO	2019-06-0	AP001854	104	724000	80	466	0
CWSCO	2019-05-0	AP001835	104	724000	80	360	0
CWSCO	2019-04-2	AP001829	104	724000	356.93	305	0
CWSCO	2019-04-0	AP001818	104	724000	160	756	0
CWSCO	2019-03-2	AP001809	104	724000	357.11	252	0
CWSCO	2019-03-0	AP001800	104	724000	80	626	0
CWSCO	2019-02-2	AP001797	104	724000	762.66	427	0
CWSCO	2019-02-1	AP001791	104	724000	1212.21	690	0
CWSCO	2019-01-2	AP001776	104	724000	80	855	0
CWSCO	2019-01-0	AP001769	104	724000	80	437	0
CWSCO	2019-12-0	AC_WF	104	724000	-80	477	0
CWSCO	2019-12-0	AC_WF	104	724000	-80	459	0
CWSCO	2019-12-0	AC_WF	104	724000	-80	441	0
CWSCO	2019-12-0	AC_WF	104	724000	-80	423	0
CWSCO	2019-12-0	AC_WF	104	724000	-80	405	0
CWSCO	2019-12-0	AC_WF	104	724000	-80	387	0
CWSCO	2019-12-0	AC_WF	104	724000	-914.85	283	0
CWSCO	2019-11-3	AC_WF	104	724000	80	477	0
CWSCO	2019-11-3	AC_WF	104	724000	80	459	0
CWSCO	2019-11-3	AC_WF	104	724000	80	441	0
CWSCO	2019-11-3	AC_WF	104	724000	80	423	0
CWSCO	2019-11-3	AC_WF	104	724000	80	405	0
CWSCO	2019-11-3	AC_WF	104	724000	80	387	0
CWSCO	2019-11-3	AC_WF	104	724000	914.85	283	0
CWSCO	2019-11-0	AC_WF	104	724000	-80	450	0
CWSCO	2019-11-0	AC_WF	104	724000	-80	432	0
CWSCO	2019-11-0	AC_WF	104	724000	-80	414	0

CWSCO	2019-11-0	AC_WF	104	724000	-80	396	0
CWSCO	2019-11-0	AC_WF	104	724000	-80	378	0
CWSCO	2019-11-0	AC_WF	104	724000	-914.85	294	0
CWSCO	2019-11-0	AC_WF	104	724000	-914.85	254	0
CWSCO	2019-10-3	AC_WF	104	724000	80	450	0
CWSCO	2019-10-3	AC_WF	104	724000	80	432	0
CWSCO	2019-10-3	AC_WF	104	724000	80	414	0
CWSCO	2019-10-3	AC_WF	104	724000	80	396	0
CWSCO	2019-10-3	AC_WF	104	724000	80	378	0
CWSCO	2019-10-3	AC_WF	104	724000	914.85	294	0
CWSCO	2019-10-3	AC_WF	104	724000	914.85	254	0
CWSCO	2019-10-0	AC_WF	104	724000	-80	302	0
CWSCO	2019-10-0	AC_WF	104	724000	-80	284	0
CWSCO	2019-10-0	AC_WF	104	724000	-80	266	0
CWSCO	2019-10-0	AC_WF	104	724000	-80	248	0
CWSCO	2019-10-0	AC_WF	104	724000	-914.85	188	0
CWSCO	2019-09-3	AC_WF	104	724000	80	302	0
CWSCO	2019-09-3	AC_WF	104	724000	80	284	0
CWSCO	2019-09-3	AC_WF	104	724000	80	266	0
CWSCO	2019-09-3	AC_WF	104	724000	80	248	0
CWSCO	2019-09-3	AC_WF	104	724000	914.85	188	0
CWSCO	2019-09-0	AC_WF	104	724000	-80	274	0
CWSCO	2019-09-0	AC_WF	104	724000	-80	256	0
CWSCO	2019-09-0	AC_WF	104	724000	-80	238	0
CWSCO	2019-09-0	AC_WF	104	724000	-914.85	170	0
CWSCO	2019-08-3	AC_WF	104	724000	80	274	0
CWSCO	2019-08-3	AC_WF	104	724000	80	256	0
CWSCO	2019-08-3	AC_WF	104	724000	80	238	0
CWSCO	2019-08-3	AC_WF	104	724000	914.85	170	0
CWSCO	2019-08-0	AC_WF	104	724000	-80	276	0
CWSCO	2019-08-0	AC_WF	104	724000	-80	258	0
CWSCO	2019-07-3	AC_WF	104	724000	80	276	0
CWSCO	2019-07-3	AC_WF	104	724000	80	258	0
CWSCO	2019-07-0	AC_WF	104	724000	-80	199	0
CWSCO	2019-07-0	AC_WF	104	724000	-914.85	153	0
CWSCO	2019-07-0	AC_WF	104	724000	-914.85	113	0
CWSCO	2019-06-3	AC_WF	104	724000	80	199	0
CWSCO	2019-06-3	AC_WF	104	724000	914.85	153	0
CWSCO	2019-06-3	AC_WF	104	724000	914.85	113	0
CWSCO	2019-06-0	AC_WF	104	724000	-80	222	0
CWSCO	2019-06-0	AC_WF	104	724000	-914.85	174	0
CWSCO	2019-05-3	AC_WF	104	724000	80	222	0
CWSCO	2019-05-3	AC_WF	104	724000	914.85	174	0
CWSCO	2019-02-0	AC_WF	104	724000	-914.85	114	0



CWSCO	2019-01-3	AC_WF	104	724000	914.85	114	0
CWSCO	2019-01-0	AC_WF	104	724000	-3.94	229	0
CWSCO	2019-06-0	AC_EST	104	724000	-16	46	0
CWSCO	2019-05-3	AC_EST	104	724000	16	46	0
CWSCO	2019-05-0	AC_EST	104	724000	-16	46	0
CWSCO	2019-04-3	AC_EST	104	724000	16	46	0
CWSCO	2019-04-0	AC_EST	104	724000	-32	47	0
CWSCO	2019-03-3	AC_EST	104	724000	32	47	0
CWSCO	2019-03-0	AC_EST	104	724000	-48	48	0
CWSCO	2019-02-2	AC_EST	104	724000	48	48	0
CWSCO	2019-02-0	AC_EST	104	724000	-64	47	0
CWSCO	2019-01-3	AC_EST	104	724000	64	47	0
CWSCO	2019-01-0	AC_EST	104	724000	-48	50	0
CWSCO	2019-05-0	ACAP0508	104	724000	-80	496	0
CWSCO	2019-04-3	ACAP0508	104	724000	80	496	0
CWSCO	2019-04-0	ACAP0405	104	724000	-160	321	0
CWSCO	2019-03-3	ACAP0405	104	724000	160	321	0
CWSCO	2019-12-3	ACAP0109	104	724000	364.5	249	0
CWSCO	2019-12-3	ACAP0109	104	724000	361.69	239	0
CWSCO	2023-12-3	HR_EPL	108	724000	66978	4	0
CWSCO	2023-03-2	AP002684	108	724000	-2400	571	0
CWSCO	2023-02-2	AP002667	108	724000	2400	342	0
CWSCO	2023-07-0	AC_EST	108	724000	-480	48	0
CWSCO	2023-06-3	AC_EST	108	724000	480	48	0
CWSCO	2023-06-0	AC_EST	108	724000	-480	49	0
CWSCO	2023-05-3	AC_EST	108	724000	480	49	0
CWSCO	2023-05-0	AC_EST	108	724000	-480	48	0
CWSCO	2023-04-3	AC_EST	108	724000	480	48	0
CWSCO	2023-04-0	AC_EST	108	724000	-480	49	0
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CWSCO	2023-03-0	AC_EST	108	724000	-480	50	0
CWSCO	2023-02-2	AC_EST	108	724000	480	50	0
CWSCO	2023-03-0	AC_AP_4	108	724000	2400	327	0
CWSCO	2023-02-2	AC_AP_4	108	724000	-2400	327	0
CWSCO	2019-12-3	RA001973	108	725000	4386	1462	0
CWSCO	2019-12-0	RA001956	108	725000	-114.72	185	0
CWSCO	2019-11-3	RA001956	108	725000	114.72	185	0
CWSCO	2019-11-0	RA001941	108	725000	-114.72	387	0
CWSCO	2019-10-3	RA001941	108	725000	114.72	387	0
CWSCO	2019-10-0	RA001922	108	725000	-114.72	644	0
CWSCO	2019-09-3	RA001922	108	725000	114.72	644	0
CWSCO	2019-09-0	RA001904	108	725000	-114.72	823	0
CWSCO	2019-08-3	RA001904	108	725000	114.72	823	0
CWSCO	2019-08-0	RA001886	108	725000	-429	3791	0

CWSCO	2019-08-0	RA001886	108	725000	-70	2294	0
CWSCO	2019-08-0	RA001886	108	725000	-114.72	2292	0
CWSCO	2019-08-0	RA001886	108	725000	-4386	2278	0
CWSCO	2019-07-3	RA001886	108	725000	429	3791	0
CWSCO	2019-07-3	RA001886	108	725000	70	2294	0
CWSCO	2019-07-3	RA001886	108	725000	114.72	2292	0
CWSCO	2019-07-3	RA001886	108	725000	4386	2278	0
CWSCO	2019-04-0	RA001816	108	725000	-295	547	0
CWSCO	2019-03-3	RA001816	108	725000	295	547	0
CWSCO	2019-03-0	RA001800	108	725000	-4386	1709	0
CWSCO	2019-03-0	RA001800	108	725000	-295	861	0
CWSCO	2019-02-2	RA001800	108	725000	4386	1709	0
CWSCO	2019-02-2	RA001800	108	725000	295	861	0
CWSCO	2019-02-0	RA001784	108	725000	-295	1074	0
CWSCO	2019-01-3	RA001784	108	725000	295	1074	0
CWSCO	2019-06-0	MCADSC	108	725000	-17428	64	0
CWSCO	2019-05-3	MCADSC	108	725000	17428	64	0
CWSCO	2019-12-2	EXP01966	108	725000	55.62	193	0
CWSCO	2019-12-2	EXP01966	108	725000	479.57	187	0
CWSCO	2019-12-2	EXP01966	108	725000	22.88	185	0
CWSCO	2019-10-1	EXP01931	108	725000	163.16	373	0
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CWSCO	2019-09-3	EXP01919	108	725000	40.46	295	0
CWSCO	2019-09-2	EXP01916	108	725000	29.42	97	0
CWSCO	2019-09-2	EXP01916	108	725000	32.33	91	0
CWSCO	2019-07-1	EXP01876	108	725000	772.64	61	0
CWSCO	2019-07-1	EXP01876	108	725000	247.69	59	0
CWSCO	2019-07-1	EXP01876	108	725000	438.55	57	0
CWSCO	2019-07-1	EXP01873	108	725000	16.41	95	0
CWSCO	2019-07-1	EXP01873	108	725000	54.74	91	0
CWSCO	2019-06-2	EXP01863	108	725000	47.39	71	0
CWSCO	2019-06-2	EXP01863	108	725000	7.65	65	0
CWSCO	2019-06-2	EXP01863	108	725000	17.44	63	0
CWSCO	2019-06-2	EXP01863	108	725000	37.78	59	0
CWSCO	2019-06-0	EXP01855	108	725000	2000	127	0
CWSCO	2019-06-0	EXP01853	108	725000	121.78	353	0
CWSCO	2019-05-3	EXP01849	108	725000	119.16	185	0
CWSCO	2019-04-2	EXP01828	108	725000	74.37	255	0
CWSCO	2019-04-2	EXP01828	108	725000	28.34	209	0
CWSCO	2019-04-2	EXP01828	108	725000	355.21	199	0
CWSCO	2019-04-2	EXP01828	108	725000	156.46	197	0
CWSCO	2019-04-1	EXP01824	108	725000	259.5	183	0
CWSCO	2019-04-1	EXP01824	108	725000	113.5	181	0
CWSCO	2019-03-0	EXP01802	108	725000	318.5	75	0

CWSCO	2019-03-0	EXP01802	108	725000	113.03	65	0
CWSCO	2019-03-0	EXP01800	108	725000	1367.11	263	0
CWSCO	2019-02-1	EXP01791	108	725000	2445.58	209	0
CWSCO	2019-01-1	EXP01770	108	725000	331.83	113	0
CWSCO	2019-01-1	EXP01770	108	725000	351.88	99	0
CWSCO	2019-01-1	EXP01770	108	725000	113.5	13	0
CWSCO	2019-12-3	APA12311	108	725000	10660	138	0
CWSCO	2019-12-0	APA11301	108	725000	-4386	189	0
CWSCO	2019-11-3	APA11301	108	725000	4386	189	0
CWSCO	2019-11-0	APA10311	108	725000	-4386	209	0
CWSCO	2019-10-3	APA10311	108	725000	4386	209	0
CWSCO	2019-08-0	APA07312	108	725000	-10660	575	0
CWSCO	2019-08-0	APA07312	108	725000	-10660	574	0
CWSCO	2019-08-0	APA07312	108	725000	-70	573	0
CWSCO	2019-08-0	APA07312	108	725000	-325	570	0
CWSCO	2019-07-3	APA07312	108	725000	10660	575	0
CWSCO	2019-07-3	APA07312	108	725000	10660	574	0
CWSCO	2019-07-3	APA07312	108	725000	70	573	0
CWSCO	2019-07-3	APA07312	108	725000	325	570	0
CWSCO	2019-04-0	APA01816	108	725000	-4386	278	0
CWSCO	2019-03-3	APA01816	108	725000	4386	278	0
CWSCO	2019-11-2	AP001950	108	725000	114.72	535	0
CWSCO	2019-11-0	AP001944	108	725000	4386	457	0
CWSCO	2019-10-1	AP001929	108	725000	4386	300	0
CWSCO	2019-09-2	AP001917	108	725000	4386	645	0
CWSCO	2019-08-1	AP001894	108	725000	429	676	0
CWSCO	2019-08-1	AP001892	108	725000	4386	553	0
CWSCO	2019-08-1	AP001892	108	725000	4386	549	0
CWSCO	2019-08-1	AP001892	108	725000	70	548	0
CWSCO	2019-06-2	AP001865	108	725000	286	334	0
CWSCO	2019-05-3	AP001849	108	725000	4386	768	0
CWSCO	2019-05-3	AP001849	108	725000	17428	311 00119434	0
CWSCO	2019-05-2	AP001843	108	725000	4150	297	0
CWSCO	2019-05-0	AP001836	108	725000	7850	536	0
CWSCO	2019-04-3	AP001831	108	725000	4386	454	0
CWSCO	2019-04-0	AP001820	108	725000	3100	216 00119590	0
CWSCO	2019-04-0	AP001820	108	725000	1375	215 00119590	0
CWSCO	2019-04-0	AP001817	108	725000	4386	1369	0
CWSCO	2019-03-0	AP001800	108	725000	4386	1357	0
CWSCO	2019-02-2	AP001793	108	725000	1920	454	0
CWSCO	2019-02-0	AP001784	108	725000	4386	1206	0
CWSCO	2019-02-0	AP001784	108	725000	4386	1202	0
CWSCO	2019-01-0	AP001767	108	725000	295	563	0
CWSCO	2019-07-0	AC_WF	108	725000	-10660	925	0

CWSCO	2019-06-31	AC_WF	108	725000	10660	925	0
CWSCO	2019-01-01	AC_WF	108	725000	-10660	752	0
CWSCO	2019-11-01	AC_EST	108	725000	-57.2	54	0
CWSCO	2019-10-31	AC_EST	108	725000	57.2	54	0
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CWSCO	2019-06-30	AC_EST	108	725000	57.2	46	0
CWSCO	2019-02-01	ACAP0208	108	725000	-4386	439	0
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CWSCO	2019-01-31	ACAP0208	108	725000	4386	439	0
CWSCO	2019-01-31	ACAP0208	108	725000	4386	435	0
CWSCO	2019-01-01	ACAP0109	108	725000	-295	424	0
CWSCO	2019-08-01	51NA	108	725000	-17428	33 00119434	0
CWSCO	2023-12-31	RA0028809	108	725000	1548	989	0
CWSCO	2023-12-31	RA0028809	108	725000	4975	983	0
CWSCO	2023-12-01	RA0028616	108	725000	-1900	1181	0
CWSCO	2023-11-30	RA0028616	108	725000	1900	1181	0
CWSCO	2023-12-01	INV028631	108	725000	150.27	10	0
CWSCO	2023-08-11	INV027869	108	725000	27.74	6	0
CWSCO	2023-03-01	INV026780	108	725000	190.58	5	0
CWSCO	2023-02-21	INV026667	108	725000	135.84	4	0
CWSCO	2023-10-31	EXP028408	108	725000	61.71	163	0
CWSCO	2023-10-31	EXP028408	108	725000	298.16	161	0
CWSCO	2023-09-21	EXP028144	108	725000	83.26	569	0
CWSCO	2023-09-21	EXP028144	108	725000	0.22	567	0
CWSCO	2023-09-21	EXP028117	108	725000	8.78	81	0
CWSCO	2023-09-21	EXP028117	108	725000	239.67	73	0
CWSCO	2023-09-21	EXP028117	108	725000	105.08	57	0
CWSCO	2023-09-11	EXP028059	108	725000	105.03	195	0
CWSCO	2023-09-11	EXP028059	108	725000	20.24	193	0
CWSCO	2023-08-11	EXP027854	108	725000	117.27	279	0
CWSCO	2023-07-01	EXP027576	108	725000	102.27	281	0
CWSCO	2023-06-30	EXP027576	108	725000	2001.26	29	0
CWSCO	2023-05-21	EXP027321	108	725000	416.9	319	0
CWSCO	2023-05-01	EXP027189	108	725000	164.3	923	0
CWSCO	2023-04-11	EXP027059	108	725000	97.3	43	0
CWSCO	2023-04-11	EXP027059	108	725000	484.24	41	0
CWSCO	2023-04-11	EXP027059	108	725000	1714.04	39	0
CWSCO	2023-04-01	EXP026959	108	725000	91.49	339	0

CWSCO	2023-04-0	EXP02695	108	725000	700.36	337	0
CWSCO	2023-04-0	EXP02695	108	725000	468.64	335	0
CWSCO	2023-04-0	EXP02695	108	725000	535.52	333	0
CWSCO	2023-04-0	EXP02695	108	725000	369.23	331	0
CWSCO	2023-04-0	EXP02695	108	725000	33.9	329	0
CWSCO	2023-04-0	EXP02695	108	725000	24.05	327	0
CWSCO	2023-02-0	EXP02652	108	725000	677.75	93	0
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CWSCO	2023-01-0	EXP02635	108	725000	182.46	487	0
CWSCO	2023-01-0	EXP02635	108	725000	154.1	179	0
CWSCO	2023-01-0	EXP02635	108	725000	146.81	153	0
CWSCO	2023-12-1	AP002871	108	725000	2154	310	0
CWSCO	2023-12-1	AP002871	108	725000	4975	308	0
CWSCO	2023-12-0	AP002862	108	725000	1900	1302	0
CWSCO	2023-11-0	AP002848	108	725000	4975	687	0
CWSCO	2023-11-0	AP002848	108	725000	2080	681	0
CWSCO	2023-10-2	AP002836	108	725000	140	306	0
CWSCO	2023-10-2	AP002834	108	725000	255	417	0
CWSCO	2023-10-1	AP002830	108	725000	3030	519	0
CWSCO	2023-10-1	AP002830	108	725000	4975	515	0
CWSCO	2023-09-2	AP002813	108	725000	355	306	0
CWSCO	2023-09-2	AP002813	108	725000	1500	305	0
CWSCO	2023-09-1	AP002806	108	725000	3180	283	0
CWSCO	2023-09-1	AP002806	108	725000	4975	281	0
CWSCO	2023-09-0	AP002801	108	725000	1900	334	0
CWSCO	2023-09-0	AP002801	108	725000	1320	333	0
CWSCO	2023-08-0	AP002780	108	725000	4975	460	0
CWSCO	2023-08-0	AP002780	108	725000	4975	456	0
CWSCO	2023-07-3	AP002777	108	725000	650	548	0
CWSCO	2023-07-1	AP002766	108	725000	4218	490	0
CWSCO	2023-07-1	AP002761	108	725000	2640	516	0
CWSCO	2023-07-1	AP002761	108	725000	150	513	0
CWSCO	2023-07-1	AP002761	108	725000	350	511	0
CWSCO	2023-06-2	AP002751	108	725000	2000	637	0
CWSCO	2023-06-0	AP002741	108	725000	4975	390	0
CWSCO	2023-05-2	AP002731	108	725000	115	642	0
CWSCO	2023-05-0	AP002719	108	725000	4975	473	0
CWSCO	2023-04-2	AP002712	108	725000	4975	672	0
CWSCO	2023-03-1	AP002680	108	725000	4975	298	0
CWSCO	2023-02-2	AP002664	108	725000	760	262	0
CWSCO	2023-02-0	AP002657	108	725000	4975	263	0
CWSCO	2023-01-0	AP002634	108	725000	4975	294	0
CWSCO	2023-01-0	AP002634	108	725000	765	288	0

CWSCO	2023-03-0	AC_EST	108	725000	-224	53	0
CWSCO	2023-02-2	AC_EST	108	725000	224	53	0
CWSCO	2023-02-0	AC_EST	108	725000	-224	52	0
CWSCO	2023-01-3	AC_EST	108	725000	224	52	0
CWSCO	2023-01-0	AC_EST	108	725000	-224	56	0
CWSCO	2023-10-0	ACAP0930	108	725000	-4975	40	0
CWSCO	2023-09-3	ACAP0930	108	725000	4975	40	0
CWSCO	2019-12-0	EXP01957	134	722000	871.07	53	0
CWSCO	2019-12-0	EXP01957	134	722000	122.04	47	0
CWSCO	2019-12-0	EXP01957	134	722000	8.67	45	0
CWSCO	2019-12-0	EXP01957	134	722000	122.21	39	0
CWSCO	2019-12-0	EXP01957	134	722000	435.98	37	0
CWSCO	2019-09-1	EXP01911	134	722000	99	311	0
CWSCO	2019-07-2	EXP01881	134	722000	400	267	0
CWSCO	2019-07-2	EXP01881	134	722000	1495	265	0
CWSCO	2019-12-2	EXP01966	134	723000	-21	15	0
CWSCO	2019-12-2	EXP01966	134	723000	200	13	0
CWSCO	2019-12-2	EXP01966	134	723000	100	7	0
CWSCO	2019-12-2	EXP01966	134	723000	100	5	0
CWSCO	2019-12-0	EXP01957	134	723000	281.78	41	0
CWSCO	2019-05-1	EXP01843	134	723000	103	7	0
CWSCO	2021-09-2	EXP02333	134	723000	23.49	301	0
CWSCO	2022-08-0	51NA	110	721000	13519.25	20	0
CWSCO	2022-08-0	51NA	110	721000	3620	19	0
CWSCO	2022-08-0	51NA	110	721000	20060	16	0
CWSCO	2022-08-0	24NA	110	721000	1302.77	46	0
CWSCO	2022-08-0	24NA	110	721000	20.67	29	0
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CWSCO	2022-05-0	24NA	110	721000	64.14	7	0
CWSCO	2022-08-0	20	110	721000	-2500	4	0
CWSCO	2022-08-0	04NA	110	721000	1530.87	15	0
CWSCO	2022-05-0	04NA	110	721000	4945.3	5	0
CWSCO	2020-08-0	RA002089	110	723000	-500	403	0
CWSCO	2020-07-3	RA002089	110	723000	250	405	0
CWSCO	2020-07-3	RA002089	110	723000	500	403	0
CWSCO	2020-08-0	RA002089	110	723000	-250	405	0
CWSCO	2020-06-3	RA002071	110	723000	250	652	0
CWSCO	2020-06-3	RA002071	110	723000	500	650	0
CWSCO	2020-06-0	RA002055	110	723000	-250	938	0
CWSCO	2020-06-0	RA002055	110	723000	-500	934	0
CWSCO	2020-07-0	RA002071	110	723000	-250	652	0
CWSCO	2020-07-0	RA002071	110	723000	-500	650	0

CWSCO	2020-05-3	RA002055	110	723000	250	938	0
CWSCO	2020-05-3	RA002055	110	723000	500	934	0
CWSCO	2020-05-0	APA05042	110	723000	-1143.63	1092	0
CWSCO	2020-05-0	APA05042	110	723000	-692.35	1091	0
CWSCO	2020-04-3	APA05042	110	723000	1143.63	1092	0
CWSCO	2020-04-3	APA05042	110	723000	692.35	1091	0
CWSCO	2020-05-0	AP002041	110	723000	1143.63	319	0
CWSCO	2020-05-0	AP002041	110	723000	692.35	318	0
CWSCO	2021-06-0	RA002262	110	723000	-314	5692	0
CWSCO	2021-05-3	RA002262	110	723000	314	5692	0
CWSCO	2021-06-1	AP002270	110	723000	1146.37	131	0
CWSCO	2022-11-0	APA10312	110	723000	-3465.14	867	0
CWSCO	2022-10-3	APA10312	110	723000	3465.14	867	0
CWSCO	2022-10-0	APA09302	110	723000	-3465.14	897	0
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CWSCO	2022-09-3	APA09302	110	723000	5330.09	896	0
CWSCO	2022-09-0	APA08312	110	723000	-5330.09	684	0
CWSCO	2022-08-3	APA08312	110	723000	5330.09	684	0
CWSCO	2022-11-0	AP002594	110	723000	3465.14	519	0
CWSCO	2022-08-0	ACAP0731	110	723000	-5330.09	472	0
CWSCO	2022-07-3	ACAP0731	110	723000	5330.09	472	0
CWSCO	2019-06-0	RA001852	110	724000	-32	1105	0
CWSCO	2019-05-3	RA001852	110	724000	32	1105	0
CWSCO	2019-10-1	EXP01930	110	724000	164.02	25	0
CWSCO	2019-05-1	EXP01843	110	724000	4.89	365	0
CWSCO	2019-05-1	EXP01843	110	724000	145.53	363	0
CWSCO	2019-04-1	EXP01825	110	724000	1428.25	449	0
CWSCO	2019-04-1	EXP01825	110	724000	1489.17	127	0
CWSCO	2019-03-1	EXP01806	110	724000	1509.93	347	0
CWSCO	2019-03-1	EXP01805	110	724000	391.07	771	0
CWSCO	2019-07-0	APA01868	110	724000	-1120.17	329	0
CWSCO	2019-06-3	APA01868	110	724000	1120.17	329	0
CWSCO	2019-03-0	APA01800	110	724000	-32	359	0
CWSCO	2019-02-2	APA01800	110	724000	32	359	0
CWSCO	2019-01-0	APA01766	110	724000	-32	214	0
CWSCO	2019-11-2	AP001954	110	724000	497.56	365	0
CWSCO	2019-11-1	AP001947	110	724000	474.02	6	0
CWSCO	2019-11-1	AP001947	110	724000	472.74	661	0
CWSCO	2019-11-1	AP001947	110	724000	-474.02	650	0
CWSCO	2019-09-1	AP001914	110	724000	473.26	1124	0
CWSCO	2019-07-2	AP001881	110	724000	473.54	781	0
CWSCO	2019-07-2	AP001881	110	724000	480.69	771	0
CWSCO	2019-07-2	AP001881	110	724000	472.74	761	0

CWSCO	2019-07-0	AP001869	110	724000	1120.17	320	0
CWSCO	2019-06-0	AP001854	110	724000	32	463	0
CWSCO	2019-05-0	AP001835	110	724000	32	357	0
CWSCO	2019-05-0	AP001834	110	724000	475	1752	0
CWSCO	2019-04-2	AP001829	110	724000	473.55	307	0
CWSCO	2019-04-0	AP001818	110	724000	64	753	0
CWSCO	2019-03-2	AP001809	110	724000	473.56	254	0
CWSCO	2019-03-0	AP001800	110	724000	32	623	0
CWSCO	2019-02-2	AP001797	110	724000	1011.36	429	0
CWSCO	2019-01-2	AP001776	110	724000	32	852	0
CWSCO	2019-01-0	AP001769	110	724000	32	434	0
CWSCO	2019-12-0	AC_WF	110	724000	-32	481	0
CWSCO	2019-12-0	AC_WF	110	724000	-32	463	0
CWSCO	2019-12-0	AC_WF	110	724000	-32	445	0
CWSCO	2019-12-0	AC_WF	110	724000	-32	427	0
CWSCO	2019-12-0	AC_WF	110	724000	-32	409	0
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CWSCO	2019-12-0	AC_WF	110	724000	-798.77	285	0
CWSCO	2019-11-3	AC_WF	110	724000	32	481	0
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CWSCO	2019-11-0	AC_WF	110	724000	-32	454	0
CWSCO	2019-11-0	AC_WF	110	724000	-32	436	0
CWSCO	2019-11-0	AC_WF	110	724000	-32	418	0
CWSCO	2019-11-0	AC_WF	110	724000	-32	400	0
CWSCO	2019-11-0	AC_WF	110	724000	-32	382	0
CWSCO	2019-11-0	AC_WF	110	724000	-798.77	296	0
CWSCO	2019-11-0	AC_WF	110	724000	-798.77	256	0
CWSCO	2019-10-3	AC_WF	110	724000	32	454	0
CWSCO	2019-10-3	AC_WF	110	724000	32	436	0
CWSCO	2019-10-3	AC_WF	110	724000	32	418	0
CWSCO	2019-10-3	AC_WF	110	724000	32	400	0
CWSCO	2019-10-3	AC_WF	110	724000	32	382	0
CWSCO	2019-10-3	AC_WF	110	724000	798.77	296	0
CWSCO	2019-10-3	AC_WF	110	724000	798.77	256	0
CWSCO	2019-10-0	AC_WF	110	724000	-32	306	0
CWSCO	2019-10-0	AC_WF	110	724000	-32	288	0
CWSCO	2019-10-0	AC_WF	110	724000	-32	270	0
CWSCO	2019-10-0	AC_WF	110	724000	-32	252	0
CWSCO	2019-10-0	AC_WF	110	724000	-798.77	190	0



CWSCO	2019-09-3	AC_WF	110	724000	32	306	0
CWSCO	2019-09-3	AC_WF	110	724000	32	288	0
CWSCO	2019-09-3	AC_WF	110	724000	32	270	0
CWSCO	2019-09-3	AC_WF	110	724000	32	252	0
CWSCO	2019-09-3	AC_WF	110	724000	798.77	190	0
CWSCO	2019-09-0	AC_WF	110	724000	-32	278	0
CWSCO	2019-09-0	AC_WF	110	724000	-32	260	0
CWSCO	2019-09-0	AC_WF	110	724000	-32	242	0
CWSCO	2019-09-0	AC_WF	110	724000	-798.77	172	0
CWSCO	2019-08-3	AC_WF	110	724000	32	278	0
CWSCO	2019-08-3	AC_WF	110	724000	32	260	0
CWSCO	2019-08-3	AC_WF	110	724000	32	242	0
CWSCO	2019-08-3	AC_WF	110	724000	798.77	172	0
CWSCO	2019-08-0	AC_WF	110	724000	-32	280	0
CWSCO	2019-08-0	AC_WF	110	724000	-32	262	0
CWSCO	2019-07-3	AC_WF	110	724000	32	280	0
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CWSCO	2019-07-0	AC_WF	110	724000	-32	203	0
CWSCO	2019-07-0	AC_WF	110	724000	-798.77	155	0
CWSCO	2019-07-0	AC_WF	110	724000	-798.77	115	0
CWSCO	2019-06-3	AC_WF	110	724000	32	203	0
CWSCO	2019-06-3	AC_WF	110	724000	798.77	155	0
CWSCO	2019-06-3	AC_WF	110	724000	798.77	115	0
CWSCO	2019-06-0	AC_WF	110	724000	-32	226	0
CWSCO	2019-06-0	AC_WF	110	724000	-798.77	176	0
CWSCO	2019-05-3	AC_WF	110	724000	32	226	0
CWSCO	2019-05-3	AC_WF	110	724000	798.77	176	0
CWSCO	2019-02-0	AC_WF	110	724000	-798.77	116	0
CWSCO	2019-01-3	AC_WF	110	724000	798.77	116	0
CWSCO	2019-06-0	AC_EST	110	724000	-6.4	50	0
CWSCO	2019-05-3	AC_EST	110	724000	6.4	50	0
CWSCO	2019-05-0	AC_EST	110	724000	-6.4	50	0
CWSCO	2019-04-3	AC_EST	110	724000	6.4	50	0
CWSCO	2019-04-0	AC_EST	110	724000	-12.8	51	0
CWSCO	2019-03-3	AC_EST	110	724000	12.8	51	0
CWSCO	2019-03-0	AC_EST	110	724000	-19.2	52	0
CWSCO	2019-02-2	AC_EST	110	724000	19.2	52	0
CWSCO	2019-02-0	AC_EST	110	724000	-25.6	51	0
CWSCO	2019-01-3	AC_EST	110	724000	25.6	51	0
CWSCO	2019-01-0	AC_EST	110	724000	-19.2	54	0
CWSCO	2019-05-0	ACAP0508	110	724000	-32	500	0
CWSCO	2019-05-0	ACAP0508	110	724000	-475	493	0
CWSCO	2019-04-3	ACAP0508	110	724000	32	500	0
CWSCO	2019-04-3	ACAP0508	110	724000	475	493	0

CWSCO	2019-04-0	ACAP0405	110	724000	-64	325	0
CWSCO	2019-03-3	ACAP0405	110	724000	64	325	0
CWSCO	2019-12-3	ACAP0109	110	724000	480.21	251	0
CWSCO	2019-12-3	ACAP0109	110	724000	473.3	241	0
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CWSCO	2019-05-0	24NA	110	724010	378.44	11	0
CWSCO	2019-05-0	04NA	110	724010	4202.04	19	0
CWSCO	2020-12-2	AP002169	111	723000	293.82	212	0
CWSCO	2020-12-0	AC_AP_3	111	723000	-293.82	46	0
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CWSCO	2020-01-0	APA12311	111	724000	-150.28	754	0
CWSCO	2020-03-0	APA02292	111	724000	-150.28	547	0
CWSCO	2020-02-2	APA02292	111	724000	150.28	547	0
CWSCO	2020-02-0	APA01312	111	724000	-150.28	486	0
CWSCO	2020-01-3	APA01312	111	724000	150.28	486	0
CWSCO	2020-12-1	AP002161	111	724000	844.86	641	0
CWSCO	2020-10-2	AP002135	111	724000	845.25	583	0
CWSCO	2020-10-2	AP002132	111	724000	856.06	539	0
CWSCO	2020-09-2	AP002117	111	724000	843.65	306	0
CWSCO	2020-08-0	AP002091	111	724000	843.97	569	0
CWSCO	2020-07-0	AP002072	111	724000	856.8	567	0
CWSCO	2020-07-0	AP002072	111	724000	856.67	557	0
CWSCO	2020-06-1	AP002063	111	724000	976.62	551	0
CWSCO	2020-06-0	AP002058	111	724000	844	901	0
CWSCO	2020-04-2	AP002033	111	724000	16023.9	570	0
CWSCO	2020-04-0	AP002027	111	724000	844	257	0
CWSCO	2020-04-0	AP002027	111	724000	-4614	927	0
CWSCO	2020-03-2	AP002019	111	724000	4614	617	0
CWSCO	2020-03-1	AP002012	111	724000	833.77	564	0
CWSCO	2020-03-1	AP002012	111	724000	843.9	555	0
CWSCO	2020-01-0	AP001974	111	724000	856.49	766	0
CWSCO	2020-01-0	AP001974	111	724000	844.17	756	0
CWSCO	2020-12-0	AC_WF	111	724000	-890.37	599	0
CWSCO	2020-11-3	AC_WF	111	724000	890.37	599	0
CWSCO	2020-10-0	AC_WF	111	724000	-890.37	382	0
CWSCO	2020-09-3	AC_WF	111	724000	890.37	382	0
CWSCO	2020-09-0	AC_WF	111	724000	-890.37	273	0
CWSCO	2020-08-3	AC_WF	111	724000	890.37	273	0
CWSCO	2020-06-0	AC_WF	111	724000	-890.37	240	0
CWSCO	2020-05-3	AC_WF	111	724000	890.37	240	0
CWSCO	2020-05-0	AC_WF	111	724000	-890.37	172	0

CWSCO	2020-04-3	AC_WF	111	724000	890.37	172	0
CWSCO	2020-04-0	AC_WF	111	724000	-890.37	189	0
CWSCO	2020-03-3	AC_WF	111	724000	890.37	189	0
CWSCO	2020-03-0	AC_WF	111	724000	-1424.59	291	0
CWSCO	2020-03-0	AC_WF	111	724000	-1424.59	251	0
CWSCO	2020-02-2	AC_WF	111	724000	1424.59	291	0
CWSCO	2020-02-2	AC_WF	111	724000	1424.59	251	0
CWSCO	2020-02-0	AC_WF	111	724000	-1424.59	278	0
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CWSCO	2020-07-3	ACAP0810	111	724000	843.97	320	0
CWSCO	2020-07-0	ACAP0710	111	724000	-856.8	328	0
CWSCO	2020-07-0	ACAP0710	111	724000	-856.67	318	0
CWSCO	2020-06-3	ACAP0710	111	724000	856.8	328	0
CWSCO	2020-06-3	ACAP0710	111	724000	856.67	318	0
CWSCO	2020-06-0	ACAP0609	111	724000	-844	332	0
CWSCO	2020-05-3	ACAP0609	111	724000	844	332	0
CWSCO	2020-12-3	ACAP0111	111	724000	851.22	246	0
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CWSCO	2020-01-0	ACAP0109	111	724000	-844.17	242	0
CWSCO	2020-04-0	08_SAGE	111	724000	4614	13	0
CWSCO	2020-03-3	08_SAGE	111	724000	-4614	13	0
CWSCO	2020-08-3	08_OSI	111	724000	-976.62	10	0
CWSCO	2020-08-0	08_OSI	111	724000	976.62	10	0
CWSCO	2020-07-3	08_OSI	111	724000	-976.62	10	0
CWSCO	2020-07-0	08_OSI	111	724000	976.62	10	0
CWSCO	2020-06-3	08_OSI	111	724000	-976.62	10	0
CWSCO	2020-03-0	EXP02007	111	724010	489.4	91	0
CWSCO	2019-12-3	XPO01973	111	725000	3000	822	0
CWSCO	2019-12-3	XPO01973	111	725000	775.14	343	0
CWSCO	2019-12-3	XPO01973	111	725000	377.64	207	0
CWSCO	2019-12-0	XPO01956	111	725000	-3000	1060	0
CWSCO	2019-12-0	XPO01956	111	725000	-775.14	421	0
CWSCO	2019-12-0	XPO01956	111	725000	-377.64	231	0
CWSCO	2019-11-3	XPO01956	111	725000	3000	1060	0
CWSCO	2019-11-3	XPO01956	111	725000	775.14	421	0
CWSCO	2019-11-3	XPO01956	111	725000	377.64	231	0
CWSCO	2019-11-0	XPO01941	111	725000	-775.14	435	0
CWSCO	2019-11-0	XPO01941	111	725000	-377.64	219	0
CWSCO	2019-10-3	XPO01941	111	725000	775.14	435	0
CWSCO	2019-10-3	XPO01941	111	725000	377.64	219	0
CWSCO	2019-10-0	XPO01922	111	725000	-4000	958	0
CWSCO	2019-10-0	XPO01922	111	725000	-775.14	400	0
CWSCO	2019-10-0	XPO01922	111	725000	-3383.34	333	0

CWSCO	2019-10-0	XPO01922	111	725000	-377.64	192	0
CWSCO	2019-10-0	XPO01922	111	725000	-829.15	191	0
CWSCO	2019-09-31	XPO01922	111	725000	4000	958	0
CWSCO	2019-09-31	XPO01922	111	725000	775.14	400	0
CWSCO	2019-09-31	XPO01922	111	725000	3383.34	333	0
CWSCO	2019-09-31	XPO01922	111	725000	377.64	192	0
CWSCO	2019-09-31	XPO01922	111	725000	829.15	191	0
CWSCO	2019-09-0	XPO01904	111	725000	-775.14	445	0
CWSCO	2019-09-0	XPO01904	111	725000	-377.64	214	0
CWSCO	2019-09-0	XPO01904	111	725000	-829.15	213	0
CWSCO	2019-08-3	XPO01904	111	725000	775.14	445	0
CWSCO	2019-08-3	XPO01904	111	725000	377.64	214	0
CWSCO	2019-08-3	XPO01904	111	725000	829.15	213	0
CWSCO	2019-08-0	XPO01886	111	725000	-775.14	529	0
CWSCO	2019-08-0	XPO01886	111	725000	-377.64	210	0
CWSCO	2019-08-0	XPO01886	111	725000	-829.15	209	0
CWSCO	2019-07-3	XPO01886	111	725000	775.14	529	0
CWSCO	2019-07-3	XPO01886	111	725000	377.64	210	0
CWSCO	2019-07-3	XPO01886	111	725000	829.15	209	0
CWSCO	2019-07-0	XPO01868	111	725000	-775.14	627	0
CWSCO	2019-07-0	XPO01868	111	725000	-377.64	215	0
CWSCO	2019-07-0	XPO01868	111	725000	-829.15	214	0
CWSCO	2019-06-31	XPO01868	111	725000	775.14	627	0
CWSCO	2019-06-31	XPO01868	111	725000	377.64	215	0
CWSCO	2019-06-31	XPO01868	111	725000	829.15	214	0
CWSCO	2019-06-0	XPO01852	111	725000	-775.14	745	0
CWSCO	2019-06-0	XPO01852	111	725000	-3000	654	0
CWSCO	2019-06-0	XPO01852	111	725000	-3192.62	564	0
CWSCO	2019-06-0	XPO01852	111	725000	-57.12	563	0
CWSCO	2019-06-0	XPO01852	111	725000	-4000	547	0
CWSCO	2019-06-0	XPO01852	111	725000	-377.64	214	0
CWSCO	2019-06-0	XPO01852	111	725000	-3000	213	0
CWSCO	2019-05-3	XPO01852	111	725000	775.14	745	0
CWSCO	2019-05-3	XPO01852	111	725000	3000	654	0
CWSCO	2019-05-3	XPO01852	111	725000	3192.62	564	0
CWSCO	2019-05-3	XPO01852	111	725000	57.12	563	0
CWSCO	2019-05-3	XPO01852	111	725000	4000	547	0
CWSCO	2019-05-3	XPO01852	111	725000	377.64	214	0
CWSCO	2019-05-3	XPO01852	111	725000	3000	213	0
CWSCO	2019-05-0	XPO01834	111	725000	-775.14	793	0
CWSCO	2019-05-0	XPO01834	111	725000	-3000	749	0
CWSCO	2019-05-0	XPO01834	111	725000	-3192.62	641	0
CWSCO	2019-05-0	XPO01834	111	725000	-57.12	640	0
CWSCO	2019-05-0	XPO01834	111	725000	-4000	626	0

CWSCO	2019-05-0	XPO01834	111	725000	-100	225	0
CWSCO	2019-05-0	XPO01834	111	725000	-3000	223	0
CWSCO	2019-05-0	XPO01834	111	725000	-3000	222	0
CWSCO	2019-04-31	XPO01834	111	725000	775.14	793	0
CWSCO	2019-04-31	XPO01834	111	725000	3000	749	0
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CWSCO	2019-04-31	XPO01834	111	725000	57.12	640	0
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CWSCO	2019-04-0	XPO01816	111	725000	-3192.62	703	0
CWSCO	2019-04-0	XPO01816	111	725000	-6823.8	702	0
CWSCO	2019-04-0	XPO01816	111	725000	-4000	693	0
CWSCO	2019-04-0	XPO01816	111	725000	-100	233	0
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CWSCO	2019-03-31	XPO01816	111	725000	3192.62	703	0
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CWSCO	2019-03-0	XPO01800	111	725000	-5000	776	0
CWSCO	2019-03-0	XPO01800	111	725000	-100	281	0
CWSCO	2019-03-0	XPO01800	111	725000	-3000	279	0
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CWSCO	2019-02-28	XPO01800	111	725000	5000	776	0
CWSCO	2019-02-28	XPO01800	111	725000	100	281	0
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CWSCO	2019-02-0	XPO01784	111	725000	-100	359	0
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CWSCO	2019-01-31	XPO01784	111	725000	100	359	0
CWSCO	2019-01-31	XPO01784	111	725000	3000	357	0
CWSCO	2019-01-31	XPO01784	111	725000	508.98	356	0
CWSCO	2019-01-0	XPO01766	111	725000	-100	395	0
CWSCO	2019-01-0	XPO01766	111	725000	-3000	392	0
CWSCO	2019-01-0	XPO01766	111	725000	-508.98	391	0
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CWSCO	2019-05-31	RCL053111	111	725000	99.36	1	0
CWSCO	2019-05-31	RCL053111	111	725000	-1134.94	1	0
CWSCO	2019-05-31	RCL053111	111	725000	1134.94	1	0

CWSCO	2019-12-3	RA001973	111	725000	7125	1132	0
CWSCO	2019-12-3	RA001973	111	725000	69.66	1113	0
CWSCO	2019-12-3	RA001973	111	725000	774	1111	0
CWSCO	2019-12-0	RA001956	111	725000	-125	466	0
CWSCO	2019-11-3	RA001956	111	725000	125	466	0
CWSCO	2019-11-0	RA001941	111	725000	-125	1851	0
CWSCO	2019-11-0	RA001941	111	725000	-125	1849	0
CWSCO	2019-11-0	RA001941	111	725000	-125	1074	0
CWSCO	2019-10-3	RA001941	111	725000	125	1851	0
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CWSCO	2019-10-0	RA001922	111	725000	-125	3277	0
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CWSCO	2019-09-0	RA001904	111	725000	-125	2564	0
CWSCO	2019-09-0	RA001904	111	725000	-125	2562	0
CWSCO	2019-09-0	RA001904	111	725000	-5625	1154	0
CWSCO	2019-09-0	RA001904	111	725000	-3383.34	180	0
CWSCO	2019-08-3	RA001904	111	725000	125	2564	0
CWSCO	2019-08-3	RA001904	111	725000	125	2562	0
CWSCO	2019-08-3	RA001904	111	725000	5625	1154	0
CWSCO	2019-08-3	RA001904	111	725000	3383.34	180	0
CWSCO	2019-08-0	RA001886	111	725000	-3383.34	194	0
CWSCO	2019-07-3	RA001886	111	725000	3383.34	194	0
CWSCO	2019-07-0	RA001868	111	725000	-4435.79	2204	0
CWSCO	2019-07-0	RA001868	111	725000	-4194.73	2202	0
CWSCO	2019-07-0	RA001868	111	725000	-7440	612	0
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CWSCO	2019-06-3	RA001868	111	725000	3383.34	281	0
CWSCO	2019-06-0	RA001852	111	725000	-7440	2905	0
CWSCO	2019-06-0	RA001852	111	725000	-3383.34	927	0
CWSCO	2019-05-3	RA001852	111	725000	7440	2905	0
CWSCO	2019-05-3	RA001852	111	725000	3383.34	927	0
CWSCO	2019-05-0	RA001834	111	725000	-3383.34	1196	0
CWSCO	2019-04-3	RA001834	111	725000	3383.34	1196	0
CWSCO	2019-03-0	RA001800	111	725000	-125	1730	0
CWSCO	2019-03-0	RA001800	111	725000	-125	1728	0
CWSCO	2019-03-0	RA001800	111	725000	-1131.34	1371	0
CWSCO	2019-03-0	RA001800	111	725000	-126	1074	0
CWSCO	2019-03-0	RA001800	111	725000	-1400	1072	0
CWSCO	2019-02-2	RA001800	111	725000	125	1730	0
CWSCO	2019-02-2	RA001800	111	725000	125	1728	0

CWSCO	2019-02-2	RA001800	111	725000	1131.34	1371	0
CWSCO	2019-02-2	RA001800	111	725000	126	1074	0
CWSCO	2019-02-2	RA001800	111	725000	1400	1072	0
CWSCO	2019-02-0	RA001784	111	725000	-125	1047	0
CWSCO	2019-02-0	RA001784	111	725000	-125	1045	0
CWSCO	2019-01-3	RA001784	111	725000	125	1047	0
CWSCO	2019-01-3	RA001784	111	725000	125	1045	0
CWSCO	2019-12-3	EXPC1231	111	725000	498.34	1516	0
CWSCO	2019-12-3	EXPC1231	111	725000	81.43	1515	0
CWSCO	2019-12-3	EXPC1231	111	725000	789.15	1514	0
CWSCO	2019-12-3	EXPC1231	111	725000	35.18	1513	0
CWSCO	2019-12-3	EXPC1231	111	725000	2084.49	1512	0
CWSCO	2019-12-3	EXPC1231	111	725000	7000	1511	0
CWSCO	2019-12-3	EXPC1231	111	725000	708	1510	0
CWSCO	2019-01-0	EXPC1231	111	725000	-1708	1408	0
CWSCO	2019-01-0	EXPC1231	111	725000	-681.51	1407	0
CWSCO	2019-12-0	EXPC1130	111	725000	-35.18	1469	0
CWSCO	2019-12-0	EXPC1130	111	725000	-662.63	1468	0
CWSCO	2019-12-0	EXPC1130	111	725000	-789.15	1467	0
CWSCO	2019-11-3	EXPC1130	111	725000	35.18	1469	0
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CWSCO	2019-11-0	EXPC1031	111	725000	-35.18	1384	0
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CWSCO	2019-10-3	EXPC1031	111	725000	35.18	1384	0
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CWSCO	2019-10-0	EXPC0930	111	725000	-1944.74	1477	0
CWSCO	2019-10-0	EXPC0930	111	725000	-970.57	1476	0
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CWSCO	2019-10-0	EXPC0930	111	725000	-25.68	1471	0
CWSCO	2019-10-0	EXPC0930	111	725000	-11.2	1470	0
CWSCO	2019-09-3	EXPC0930	111	725000	1944.74	1477	0
CWSCO	2019-09-3	EXPC0930	111	725000	970.57	1476	0
CWSCO	2019-09-3	EXPC0930	111	725000	662.63	1475	0
CWSCO	2019-09-3	EXPC0930	111	725000	178.52	1474	0
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CWSCO	2019-09-0	EXPC0831	111	725000	-970.57	1441	0
CWSCO	2019-09-0	EXPC0831	111	725000	-662.63	1400	0

CWSCO	2019-08-3	EXPC0831	111	725000	970.57	1441	0
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CWSCO	2019-08-0	EXPC0731	111	725000	-296.23	1128	0
CWSCO	2019-08-0	EXPC0731	111	725000	-1581.2	1127	0
CWSCO	2019-08-0	EXPC0731	111	725000	-662.63	1126	0
CWSCO	2019-07-3	EXPC0731	111	725000	296.23	1128	0
CWSCO	2019-07-3	EXPC0731	111	725000	1581.2	1127	0
CWSCO	2019-07-3	EXPC0731	111	725000	662.63	1126	0
CWSCO	2019-07-0	EXPC0630	111	725000	-1581.2	1112	0
CWSCO	2019-07-0	EXPC0630	111	725000	-576.65	1111	0
CWSCO	2019-07-0	EXPC0630	111	725000	-36.06	1110	0
CWSCO	2019-07-0	EXPC0630	111	725000	-87.47	1109	0
CWSCO	2019-06-31	EXPC0630	111	725000	1581.2	1112	0
CWSCO	2019-06-31	EXPC0630	111	725000	576.65	1111	0
CWSCO	2019-06-31	EXPC0630	111	725000	36.06	1110	0
CWSCO	2019-06-31	EXPC0630	111	725000	87.47	1109	0
CWSCO	2019-06-0	EXPC0531	111	725000	-1581.2	6482	0
CWSCO	2019-06-0	EXPC0531	111	725000	-576.65	6062	0
CWSCO	2019-06-0	EXPC0531	111	725000	-172.12	4798	0
CWSCO	2019-06-0	EXPC0531	111	725000	-87.47	3978	0
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CWSCO	2019-06-0	EXPC0531	111	725000	-36.06	2665	0
CWSCO	2019-05-3	EXPC0531	111	725000	1581.2	6482	0
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CWSCO	2019-05-3	EXPC0531	111	725000	172.12	4798	0
CWSCO	2019-05-3	EXPC0531	111	725000	87.47	3978	0
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CWSCO	2019-05-3	EXPC0531	111	725000	36.06	2665	0
CWSCO	2019-05-0	EXPC0430	111	725000	-3422.6	1156	0
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CWSCO	2019-04-0	EXPC0331	111	725000	-596.59	1295	0
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CWSCO	2019-04-0	EXPC0331	111	725000	-708	1291	0
CWSCO	2019-04-0	EXPC0331	111	725000	-1416	1290	0
CWSCO	2019-04-0	EXPC0331	111	725000	-681.51	1289	0
CWSCO	2019-04-0	EXPC0331	111	725000	-948.88	1288	0
CWSCO	2019-04-0	EXPC0331	111	725000	-3422.6	1287	0
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CWSCO	2019-03-3	EXPC0331	111	725000	708	1291	0



CWSCO	2019-03-3	EXPC0331	111	725000	1416	1290	0
CWSCO	2019-03-3	EXPC0331	111	725000	681.51	1289	0
CWSCO	2019-03-3	EXPC0331	111	725000	948.88	1288	0
CWSCO	2019-03-3	EXPC0331	111	725000	3422.6	1287	0
CWSCO	2019-03-0	EXPC0228	111	725000	-1033.87	1745	0
CWSCO	2019-03-0	EXPC0228	111	725000	-3422.6	1744	0
CWSCO	2019-03-0	EXPC0228	111	725000	-1708	1743	0
CWSCO	2019-03-0	EXPC0228	111	725000	-681.51	1742	0
CWSCO	2019-02-2	EXPC0228	111	725000	1033.87	1745	0
CWSCO	2019-02-2	EXPC0228	111	725000	3422.6	1744	0
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CWSCO	2019-02-0	EXPC0131	111	725000	-1033.87	1708	0
CWSCO	2019-02-0	EXPC0131	111	725000	-582.42	1707	0
CWSCO	2019-02-0	EXPC0131	111	725000	-3422.6	1706	0
CWSCO	2019-02-0	EXPC0131	111	725000	-1708	1705	0
CWSCO	2019-02-0	EXPC0131	111	725000	-681.51	1704	0
CWSCO	2019-01-3	EXPC0131	111	725000	1033.87	1708	0
CWSCO	2019-01-3	EXPC0131	111	725000	582.42	1707	0
CWSCO	2019-01-3	EXPC0131	111	725000	3422.6	1706	0
CWSCO	2019-01-3	EXPC0131	111	725000	1708	1705	0
CWSCO	2019-01-3	EXPC0131	111	725000	681.51	1704	0
CWSCO	2019-12-3	EXP01970	111	725000	132.21	707	0
CWSCO	2019-12-3	EXP01970	111	725000	46.92	705	0
CWSCO	2019-10-3	EXP01937	111	725000	30	173	0
CWSCO	2019-10-2	EXP01936	111	725000	970.57	255	0
CWSCO	2019-10-2	EXP01936	111	725000	153.22	211	0
CWSCO	2019-10-2	EXP01936	111	725000	522.59	207	0
CWSCO	2019-10-2	EXP01936	111	725000	1119.91	189	0
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CWSCO	2019-10-2	EXP01932	111	725000	10.33	483	0
CWSCO	2019-10-0	EXP01924	111	725000	11.2	227	0
CWSCO	2019-10-0	EXP01923	111	725000	178.52	39	0
CWSCO	2019-09-2	EXP01918	111	725000	446.86	539	0
CWSCO	2019-08-0	EXP01891	111	725000	296.23	109	0
CWSCO	2019-08-0	EXP01891	111	725000	1581.2	107	0
CWSCO	2019-07-2	EXP01881	111	725000	603.69	201	0
CWSCO	2019-07-2	EXP01881	111	725000	323.36	199	0
CWSCO	2019-07-2	EXP01880	111	725000	370.26	259	0
CWSCO	2019-07-2	EXP01880	111	725000	1157.83	255	0
CWSCO	2019-07-1	EXP01875	111	725000	576.65	305	0
CWSCO	2019-07-1	EXP01875	111	725000	36.06	303	0
CWSCO	2019-07-1	EXP01875	111	725000	87.47	293	0
CWSCO	2019-07-1	EXP01874	111	725000	990.48	239	0

CWSCO	2019-06-1	EXP01856	111	725000	166.27	267	0
CWSCO	2019-06-1	EXP01856	111	725000	172.12	261	0
CWSCO	2019-04-2	EXP01828	111	725000	948.88	139	0
CWSCO	2019-04-1	EXP01821	111	725000	9.45	359	0
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CWSCO	2019-04-1	EXP01821	111	725000	596.59	49	0
CWSCO	2019-04-1	EXP01821	111	725000	360.01	47	0
CWSCO	2019-04-0	EXP01821	111	725000	244.65	51	0
CWSCO	2019-04-0	EXP01821	111	725000	681.51	45	0
CWSCO	2019-04-0	EXP01821	111	725000	360	43	0
CWSCO	2019-04-0	EXP01817	111	725000	708	901	0
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CWSCO	2019-03-1	EXP01805	111	725000	1033.87	95	0
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CWSCO	2019-12-0	APA11301	111	725000	-1012.67	1304	0
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CWSCO	2019-11-3	APA11301	111	725000	7762.99	1193	0
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CWSCO	2019-09-2	AP001918	111	725000	125	450	0

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CWSCO	2019-03-0	AP001800	111	725000	125	1355	0
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CWSCO	2019-05-31	AC_EST	111	725000	293.89	63	0
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CWSCO	2019-03-31	AC_EST	111	725000	180.36	65	0
CWSCO	2019-03-01	AC_EST	111	725000	-3029.17	66	0
CWSCO	2019-02-28	AC_EST	111	725000	3029.17	66	0
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CWSCO	2019-01-31	AC_EST	111	725000	3029.17	67	0
CWSCO	2019-01-01	AC_EST	111	725000	-3029.17	71	0
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CWSCO	2019-12-31	AC_AP_1	111	725000	-7125	346	0
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CWSCO	2023-12-01	EXP02867	112	724000	-122.87	83	0
CWSCO	2023-12-01	EXP02867	112	724000	64.29	69	0
CWSCO	2023-12-01	EXP02867	112	724000	122.87	67	0
CWSCO	2023-07-01	EXP02757	112	724000	141.83	213	0
CWSCO	2023-06-27	EXP02753	112	724000	2757.69	7	0
CWSCO	2023-11-01	EXP02848	112	724010	34.11	279	0
CWSCO	2020-12-31	EXPC1231	112	725000	45.44	1332	0
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CWSCO	2020-11-01	EXPC1031	112	725000	-79.47	1589	0
CWSCO	2020-10-27	EXPC1031	112	725000	45.44	1591	0
CWSCO	2020-10-27	EXPC1031	112	725000	84.51	1590	0
CWSCO	2020-10-27	EXPC1031	112	725000	79.47	1589	0

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CWSCO	2020-09-31	EXPC0930:112	725000	45.44	1587	0
CWSCO	2020-09-0	EXPC0831:112	725000	-258.52	1589	0
CWSCO	2020-08-3	EXPC0831:112	725000	258.52	1589	0
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CWSCO	2020-07-0	EXPC0630:112	725000	-21	1792	0
CWSCO	2020-07-0	EXPC0630:112	725000	-21	1791	0
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CWSCO	2020-07-0	EXPC0630:112	725000	-21.87	1786	0
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CWSCO	2020-07-0	EXPC0630:112	725000	-98.62	1752	0
CWSCO	2020-07-0	EXPC0630:112	725000	-195.82	1742	0
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CWSCO	2020-06-31	EXPC0630:112	725000	21.87	1786	0
CWSCO	2020-06-31	EXPC0630:112	725000	37.3	1780	0
CWSCO	2020-06-31	EXPC0630:112	725000	98.62	1752	0
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CWSCO	2020-06-0	EXPC0531:112	725000	-8.66	6331	0
CWSCO	2020-06-0	EXPC0531:112	725000	-11.24	6092	0
CWSCO	2020-06-0	EXPC0531:112	725000	-21	5364	0
CWSCO	2020-06-0	EXPC0531:112	725000	-21	5363	0
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CWSCO	2020-06-0	EXPC0531:112	725000	-21.14	5354	0
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CWSCO	2020-05-3	EXPC0531:112	725000	11.24	6092	0
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CWSCO	2020-05-3	EXPC0531:112	725000	21	5361	0
CWSCO	2020-05-3	EXPC0531:112	725000	21.14	5354	0
CWSCO	2020-05-3	EXPC0531:112	725000	21.87	5302	0
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CWSCO	2020-04-0	EXPC0331:112	725000	-19.44	1406	0
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CWSCO	2020-03-0	EXPC0229	112	725000	-5.54	1390	0
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CWSCO	2020-12-3	EXP02172	112	725000	32.41	1257	0
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CWSCO	2020-05-2	EXP02052	112	725000	769.71	191	0
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CWSCO	2020-02-2	EXP02002	112	725000	16.69	29	0
CWSCO	2020-02-1	EXP01998	112	725000	181.38	87	0
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CWSCO	2020-12-2	AP002169	112	725000	-684.43	215	0
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CWSCO	2020-11-0	AC_AP_4	112	725000	684.43	37	0
CWSCO	2020-10-3	AC_AP_4	112	725000	-684.43	37	0
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CWSCO	2020-11-0	24NA	114	721000	2054.41	52	0
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CWSCO	2020-11-0	24NA	114	721000	42.37	30	0
CWSCO	2020-11-0	04NA	114	721000	2249.35	11	0
CWSCO	2020-02-1	AP001998	117	722000	2548.04	179	0
CWSCO	2020-02-1	AP001998	117	722000	847.26	178	0
CWSCO	2023-12-3	PAY02877	117	723000	44.43	622	0.5 HRS
CWSCO	2023-12-2	PAY02877	117	723000	88.86	984	1 HRS
CWSCO	2023-01-1	EXP02636	117	723000	1110	161	0
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CWSCO	2019-05-3	RA001852	117	724000	16	1113	0
CWSCO	2019-09-0	INV019212	117	724000	5.53	7	0
CWSCO	2019-03-0	APA01800	117	724000	-16	363	0
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CWSCO	2019-01-0	APA01766	117	724000	-16	218	0
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CWSCO	2019-04-0	AP001818	117	724000	32	757	0
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CWSCO	2019-01-2	AP001776	117	724000	16	856	0
CWSCO	2019-01-0	AP001769	117	724000	16	438	0
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CWSCO	2019-11-3	AC_WF	117	724000	16	450	0
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CWSCO	2019-08-0	AC_WF	117	724000	-16	285	0
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CWSCO	2019-07-3	AC_WF	117	724000	16	285	0
CWSCO	2019-07-3	AC_WF	117	724000	16	267	0
CWSCO	2019-07-0	AC_WF	117	724000	-16	208	0
CWSCO	2019-06-3	AC_WF	117	724000	16	208	0
CWSCO	2019-06-0	AC_WF	117	724000	-16	231	0
CWSCO	2019-05-3	AC_WF	117	724000	16	231	0
CWSCO	2019-06-0	AC_EST	117	724000	-3.2	55	0
CWSCO	2019-05-3	AC_EST	117	724000	3.2	55	0
CWSCO	2019-05-0	AC_EST	117	724000	-3.2	55	0
CWSCO	2019-04-3	AC_EST	117	724000	3.2	55	0
CWSCO	2019-04-0	AC_EST	117	724000	-6.4	56	0
CWSCO	2019-03-3	AC_EST	117	724000	6.4	56	0
CWSCO	2019-03-0	AC_EST	117	724000	-9.6	57	0
CWSCO	2019-02-2	AC_EST	117	724000	9.6	57	0



CWSCO	2019-02-0	AC_EST	117	724000	-12.8	56	0
CWSCO	2019-01-3	AC_EST	117	724000	12.8	56	0
CWSCO	2019-01-0	AC_EST	117	724000	-9.6	59	0
CWSCO	2019-05-0	ACAP0508	117	724000	-16	505	0
CWSCO	2019-04-3	ACAP0508	117	724000	16	505	0
CWSCO	2019-04-0	ACAP0405	117	724000	-32	330	0
CWSCO	2019-03-3	ACAP0405	117	724000	32	330	0
CWSCO	2021-08-0	INV023018	117	724000	155.09	6	0
CWSCO	2021-06-2	AP002275	117	724000	673.8	538	0
CWSCO	2021-04-2	AP002241	117	724000	-1094.93	291	0
CWSCO	2021-02-1	AP002201	117	724000	1094.93	987	0
CWSCO	2021-04-0	AC_AP_2	117	724000	1094.93	197	0
CWSCO	2021-03-3	AC_AP_2	117	724000	-1094.93	197	0
CWSCO	2022-04-0	APA03312	117	724000	-799.99	249	0
CWSCO	2022-03-3	APA03312	117	724000	799.99	249	0
CWSCO	2022-05-3	AP002490	117	724000	822.33	451	0
CWSCO	2022-04-2	AP002466	117	724000	799.99	324	0
CWSCO	2019-12-0	RA001956	117	725000	-1650	4723	0
CWSCO	2019-11-3	RA001956	117	725000	1650	4723	0
CWSCO	2019-11-0	RA001941	117	725000	-125	1596	0
CWSCO	2019-11-0	RA001941	117	725000	-1650	1488	0
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CWSCO	2019-10-3	RA001941	117	725000	125	1596	0
CWSCO	2019-10-3	RA001941	117	725000	1650	1488	0
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CWSCO	2019-09-0	RA001904	117	725000	-1305	3451	0
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CWSCO	2019-04-0	RA001816	117	725000	-13050	779	0
CWSCO	2019-03-3	RA001816	117	725000	13050	779	0
CWSCO	2019-03-0	RA001800	117	725000	-14355	2105	0
CWSCO	2019-02-2	RA001800	117	725000	14355	2105	0
CWSCO	2019-12-3	EXPC1231	117	725000	978.98	1926	0
CWSCO	2019-12-3	EXPC1231	117	725000	332.87	1925	0
CWSCO	2019-12-3	EXPC1231	117	725000	1355.76	1924	0
CWSCO	2019-12-3	EXPC1231	117	725000	335.96	1923	0
CWSCO	2019-12-3	EXPC1231	117	725000	151.21	1922	0
CWSCO	2019-12-3	EXPC1231	117	725000	118.77	1921	0
CWSCO	2019-01-0	EXPC1231	117	725000	-2735.9	1982	0
CWSCO	2019-01-0	EXPC1231	117	725000	-64.55	1981	0
CWSCO	2019-12-0	EXPC1130	117	725000	-13.78	1944	0
CWSCO	2019-12-0	EXPC1130	117	725000	-24.71	1943	0
CWSCO	2019-12-0	EXPC1130	117	725000	-26.84	1942	0

CWSCO	2019-12-0	EXPC1130	117	725000	-27.25	1941	0
CWSCO	2019-12-0	EXPC1130	117	725000	-56.46	1940	0
CWSCO	2019-12-0	EXPC1130	117	725000	-118.77	1939	0
CWSCO	2019-12-0	EXPC1130	117	725000	-127.42	1938	0
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CWSCO	2019-12-0	EXPC1130	117	725000	-194.36	1936	0
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CWSCO	2019-11-3	EXPC1130	117	725000	13.78	1944	0
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CWSCO	2019-11-0	EXPC1031	117	725000	-381.61	1941	0
CWSCO	2019-11-0	EXPC1031	117	725000	-730.4	1940	0
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CWSCO	2019-11-0	EXPC1031	117	725000	-282.23	1937	0
CWSCO	2019-11-0	EXPC1031	117	725000	-252.58	1923	0
CWSCO	2019-11-0	EXPC1031	117	725000	-8.66	1921	0
CWSCO	2019-11-0	EXPC1031	117	725000	-248.56	1902	0
CWSCO	2019-11-0	EXPC1031	117	725000	-39.1	1848	0
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CWSCO	2019-10-3	EXPC1031	117	725000	252.58	1923	0
CWSCO	2019-10-3	EXPC1031	117	725000	8.66	1921	0
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CWSCO	2019-10-3	EXPC1031	117	725000	39.1	1848	0
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CWSCO	2019-09-3	EXPC0930	117	725000	101.24	1910	0
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CWSCO	2019-09-0	EXPC0831	117	725000	-780.12	1884	0

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CWSCO	2019-09-0	EXPC0831	117	725000	-56.84	1838	0
CWSCO	2019-09-0	EXPC0831	117	725000	-286.36	1837	0
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CWSCO	2019-05-0	EXPC0430	117	725000	-342.92	1553	0
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CWSCO	2019-08-2	EXP01899	117	725000	-1909.23	7	0
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CWSCO	2019-04-0	EXP01820	117	725000	5.41	625	0
CWSCO	2019-04-0	EXP01820	117	725000	32.89	621	0
CWSCO	2019-03-2	EXP01812	117	725000	1400	101	0
CWSCO	2019-03-2	EXP01812	117	725000	81.82	99	0
CWSCO	2019-03-2	EXP01812	117	725000	1061.38	91	0
CWSCO	2019-02-2	EXP01797	117	725000	214.75	289	0
CWSCO	2019-02-2	EXP01797	117	725000	230.02	115	0
CWSCO	2019-01-2	EXP01779	117	725000	116	193	0
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CWSCO	2019-12-3	AP001970	117	725000	1750	561	0
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CWSCO	2019-12-1	AP001963	117	725000	10306.5	616	0
CWSCO	2019-12-1	AP001962	117	725000	1305	828	0
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CWSCO	2019-11-0	AP001943	117	725000	12220.31	645	0
CWSCO	2019-11-0	AP001942	117	725000	125	477	0
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CWSCO	2019-10-2	AP001934	117	725000	45.5	627	0
CWSCO	2019-10-2	AP001932	117	725000	1305	514	0
CWSCO	2019-10-1	AP001927	117	725000	12001.45	795	0
CWSCO	2019-09-2	AP001917	117	725000	59.27	656	0
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CWSCO	2019-09-2	AP001917	117	725000	800	651	0
CWSCO	2019-09-2	AP001917	117	725000	525	649	0

CWSCO	2019-09-1	AP001912	117	725000	1305	451	0
CWSCO	2019-09-1	AP001910	117	725000	3675.72	962	0
CWSCO	2019-09-1	AP001910	117	725000	9127.28	961	0
CWSCO	2019-08-2	AP001898	117	725000	64.16	505	0
CWSCO	2019-08-2	AP001896	117	725000	1305	353	0
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CWSCO	2019-08-1	AP001893	117	725000	3945	367	00120564
CWSCO	2019-08-0	AP001890	117	725000	12943.49	973	0
CWSCO	2019-07-2	AP001881	117	725000	56.49	796	0
CWSCO	2019-07-1	AP001872	117	725000	12162.17	828	0
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CWSCO	2019-06-1	AP001860	117	725000	6829.75	787	0
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CWSCO	2019-05-0	AP001835	117	725000	1305	369	0
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CWSCO	2019-04-1	AP001822	117	725000	1305	411	0
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CWSCO	2019-03-0	AP001802	117	725000	8718.91	642	0
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CWSCO	2019-02-2	AP001793	117	725000	37.03	455	0
CWSCO	2019-02-0	AP001786	117	725000	8280.44	666	0
CWSCO	2019-01-3	AP001781	117	725000	1305	885	0
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CWSCO	2019-01-1	AP001771	117	725000	7419.63	575	0
CWSCO	2019-01-0	AP001770	117	725000	1305	321	0
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CWSCO	2019-03-3	AC_WF	117	725000	1305	454	0
CWSCO	2019-12-3	AC_EST	117	725000	522	54	0
CWSCO	2019-12-0	AC_EST	117	725000	-261	57	0
CWSCO	2019-11-3	AC_EST	117	725000	261	57	0
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CWSCO	2019-10-3	AC_EST	117	725000	261	56	0
CWSCO	2019-10-0	AC_EST	117	725000	-261	57	0
CWSCO	2019-09-3	AC_EST	117	725000	261	57	0
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CWSCO	2019-08-3	AC_EST	117	725000	261	57	0
CWSCO	2019-06-0	AC_EST	117	725000	-261	65	0
CWSCO	2019-05-3	AC_EST	117	725000	261	65	0

CWSCO	2019-05-0	AC_EST	117	725000	-261	66	0
CWSCO	2019-04-31	AC_EST	117	725000	261	66	0
CWSCO	2019-04-0	AC_EST	117	725000	-261	67	0
CWSCO	2019-03-31	AC_EST	117	725000	261	67	0
CWSCO	2019-03-0	AC_EST	117	725000	-261	68	0
CWSCO	2019-02-28	AC_EST	117	725000	261	68	0
CWSCO	2019-02-0	AC_EST	117	725000	-261	69	0
CWSCO	2019-01-31	AC_EST	117	725000	261	69	0
CWSCO	2019-10-0	ACAP1009	117	725000	-1650	410	0
CWSCO	2019-10-0	ACAP1009	117	725000	-1305	404	0
CWSCO	2019-09-30	ACAP1009	117	725000	1650	410	0
CWSCO	2019-09-30	ACAP1009	117	725000	1305	404	0
CWSCO	2019-06-0	ACAP0608	117	725000	-1305	955	0
CWSCO	2019-05-31	ACAP0608	117	725000	1305	955	0
CWSCO	2019-05-0	ACAP0508	117	725000	-1305	512	0
CWSCO	2019-04-30	ACAP0508	117	725000	1305	512	0
CWSCO	2019-12-31	ACAP0109	117	725000	1305	258	0
CWSCO	2019-12-31	31_PW3	117	725000	12735.3	38	0
CWSCO	2019-12-0	31_PW3	117	725000	-16171	38	0
CWSCO	2019-11-30	31_PW3	117	725000	16171.02	38	0
CWSCO	2019-11-0	31_PW3	117	725000	-14922.7	37	0
CWSCO	2019-10-31	31_PW3	117	725000	14922.73	37	0
CWSCO	2019-10-0	31_PW3	117	725000	-26.57	38	0
CWSCO	2019-09-30	31_PW3	117	725000	26.57	38	0
CWSCO	2019-09-0	31_PW3	117	725000	-16541	38	0
CWSCO	2019-08-31	31_PW3	117	725000	16541.02	38	0
CWSCO	2019-08-0	31_PW3	117	725000	-15664.4	38	0
CWSCO	2019-07-31	31_PW3	117	725000	15664.35	38	0
CWSCO	2019-07-0	31_PW3	117	725000	-3828.13	38	0
CWSCO	2019-06-30	31_PW3	117	725000	3828.13	38	0
CWSCO	2019-06-0	31_PW3	117	725000	-20403.1	38	0
CWSCO	2019-05-31	31_PW3	117	725000	20403.12	38	0
CWSCO	2019-05-0	31_PW3	117	725000	-10827.5	38	0
CWSCO	2019-04-30	31_PW3	117	725000	10827.5	38	0
CWSCO	2019-04-0	31_PW3	117	725000	-9580.88	38	0
CWSCO	2019-03-31	31_PW3	117	725000	9580.88	38	0
CWSCO	2019-03-0	31_PW3	117	725000	-10011.5	38	0
CWSCO	2019-02-28	31_PW3	117	725000	10011.51	38	0
CWSCO	2019-02-0	31_PW3	117	725000	-9825.13	38	0
CWSCO	2019-01-31	31_PW3	117	725000	9825.13	38	0
CWSCO	2019-01-0	31_PW3	117	725000	-10683.1	37	0
CWSCO	2019-10-0	51NA	120	721000	62.07	30	0
CWSCO	2019-11-1	EXP019468	120	722000	15.17	231	0
CWSCO	2019-11-1	EXP019468	120	722000	94.77	229	0

CWSCO	2019-11-1	EXP01946	120	722000	23.8	221	0
CWSCO	2019-11-1	EXP01946	120	722000	95.46	219	0
CWSCO	2019-06-2	EXP01862	120	722000	5.57	283	0
CWSCO	2022-12-0	EXP02616	120	722000	29.97	147	0
CWSCO	2022-12-0	EXP02616	120	722000	116.03	131	0
CWSCO	2022-12-3	APA12312	120	723000	134.4	1008	0
CWSCO	2022-12-3	APA12312	120	723000	95.01	1007	0
CWSCO	2022-12-3	APA12312	120	723000	7461.38	1006	0
CWSCO	2022-12-3	APA12312	120	723000	4040.85	1005	0
CWSCO	2022-12-3	APA12312	120	723000	-11482.4	1004	0
CWSCO	2022-12-0	APA11302	120	723000	-217.79	1050	0
CWSCO	2022-12-0	APA11302	120	723000	-95.01	1049	0
CWSCO	2022-12-0	APA11302	120	723000	-7461.38	1048	0
CWSCO	2022-12-0	APA11302	120	723000	-4040.85	1047	0
CWSCO	2022-12-0	APA11302	120	723000	11482.4	1046	0
CWSCO	2022-12-0	APA11302	120	723000	-848.57	1045	0
CWSCO	2022-12-0	APA11302	120	723000	-467.39	1044	0
CWSCO	2022-12-0	APA11302	120	723000	-479.01	1043	0
CWSCO	2022-12-0	APA11302	120	723000	-1083.48	1042	0
CWSCO	2022-12-0	APA11302	120	723000	-949.82	1041	0
CWSCO	2022-12-0	APA11302	120	723000	-554.57	1040	0
CWSCO	2022-12-0	APA11302	120	723000	-484.82	1039	0
CWSCO	2022-12-0	APA11302	120	723000	-1414.8	1038	0
CWSCO	2022-12-0	APA11302	120	723000	-1298.54	1037	0
CWSCO	2022-12-0	APA11302	120	723000	-1504.68	1036	0
CWSCO	2022-11-3	APA11302	120	723000	217.79	1050	0
CWSCO	2022-11-3	APA11302	120	723000	95.01	1049	0
CWSCO	2022-11-3	APA11302	120	723000	7461.38	1048	0
CWSCO	2022-11-3	APA11302	120	723000	4040.85	1047	0
CWSCO	2022-11-3	APA11302	120	723000	-11482.4	1046	0
CWSCO	2022-11-3	APA11302	120	723000	848.57	1045	0
CWSCO	2022-11-3	APA11302	120	723000	467.39	1044	0
CWSCO	2022-11-3	APA11302	120	723000	479.01	1043	0
CWSCO	2022-11-3	APA11302	120	723000	1083.48	1042	0
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CWSCO	2022-11-3	APA11302	120	723000	554.57	1040	0
CWSCO	2022-11-3	APA11302	120	723000	484.82	1039	0
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CWSCO	2022-11-3	APA11302	120	723000	1298.54	1037	0
CWSCO	2022-11-3	APA11302	120	723000	1504.68	1036	0
CWSCO	2022-11-0	APA10312	120	723000	-11482.4	1302	0
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CWSCO	2022-11-0	APA10312	120	723000	-467.39	1300	0
CWSCO	2022-11-0	APA10312	120	723000	-484.82	1299	0



CWSCO	2022-11-0	APA10312	120	723000	-479.01	1298	0
CWSCO	2022-11-0	APA10312	120	723000	-1083.48	1297	0
CWSCO	2022-11-0	APA10312	120	723000	-949.82	1296	0
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CWSCO	2022-11-0	APA10312	120	723000	-484.82	1294	0
CWSCO	2022-11-0	APA10312	120	723000	-1414.8	1293	0
CWSCO	2022-11-0	APA10312	120	723000	-1298.54	1292	0
CWSCO	2022-11-0	APA10312	120	723000	-789.38	1291	0
CWSCO	2022-11-0	APA10312	120	723000	-375.01	1290	0
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CWSCO	2022-11-0	APA10312	120	723000	-966.97	1288	0
CWSCO	2022-11-0	APA10312	120	723000	-1504.68	1287	0
CWSCO	2022-11-0	APA10312	120	723000	-730.18	1286	0
CWSCO	2022-11-0	APA10312	120	723000	-1085.36	1285	0
CWSCO	2022-11-0	APA10312	120	723000	-559.55	1284	0
CWSCO	2022-11-0	APA10312	120	723000	-1099.26	1283	0
CWSCO	2022-11-0	APA10312	120	723000	-505.58	1282	0
CWSCO	2022-11-0	APA10312	120	723000	-829.41	1281	0
CWSCO	2022-11-0	APA10312	120	723000	-559.55	1280	0
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CWSCO	2022-11-0	APA10312	120	723000	-1099.26	1277	0
CWSCO	2022-10-3	APA10312	120	723000	11482.4	1302	0
CWSCO	2022-10-3	APA10312	120	723000	848.57	1301	0
CWSCO	2022-10-3	APA10312	120	723000	467.39	1300	0
CWSCO	2022-10-3	APA10312	120	723000	484.82	1299	0
CWSCO	2022-10-3	APA10312	120	723000	479.01	1298	0
CWSCO	2022-10-3	APA10312	120	723000	1083.48	1297	0
CWSCO	2022-10-3	APA10312	120	723000	949.82	1296	0
CWSCO	2022-10-3	APA10312	120	723000	554.57	1295	0
CWSCO	2022-10-3	APA10312	120	723000	484.82	1294	0
CWSCO	2022-10-3	APA10312	120	723000	1414.8	1293	0
CWSCO	2022-10-3	APA10312	120	723000	1298.54	1292	0
CWSCO	2022-10-3	APA10312	120	723000	789.38	1291	0
CWSCO	2022-10-3	APA10312	120	723000	375.01	1290	0
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CWSCO	2022-10-3	APA10312	120	723000	1504.68	1287	0
CWSCO	2022-10-3	APA10312	120	723000	730.18	1286	0
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CWSCO	2022-10-3	APA10312	120	723000	559.55	1284	0
CWSCO	2022-10-3	APA10312	120	723000	1099.26	1283	0
CWSCO	2022-10-3	APA10312	120	723000	505.58	1282	0
CWSCO	2022-10-3	APA10312	120	723000	829.41	1281	0

CWSCO	2022-10-3	APA10312	120	723000	559.55	1280	0
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CWSCO	2022-10-3	APA10312	120	723000	1099.26	1278	0
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CWSCO	2022-10-0	APA09302	120	723000	-11482.4	1368	0
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CWSCO	2022-10-0	APA09302	120	723000	-949.82	1362	0
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CWSCO	2022-10-0	APA09302	120	723000	-484.82	1360	0
CWSCO	2022-10-0	APA09302	120	723000	-1414.8	1359	0
CWSCO	2022-10-0	APA09302	120	723000	-1298.54	1358	0
CWSCO	2022-10-0	APA09302	120	723000	-789.38	1357	0
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CWSCO	2022-10-0	APA09302	120	723000	-730.18	1352	0
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CWSCO	2022-10-0	APA09302	120	723000	-829.41	1347	0
CWSCO	2022-10-0	APA09302	120	723000	-559.55	1346	0
CWSCO	2022-10-0	APA09302	120	723000	-462.41	1345	0
CWSCO	2022-10-0	APA09302	120	723000	-1099.26	1344	0
CWSCO	2022-10-0	APA09302	120	723000	-1099.26	1343	0
CWSCO	2022-09-31	APA09302	120	723000	11482.4	1368	0
CWSCO	2022-09-31	APA09302	120	723000	848.57	1367	0
CWSCO	2022-09-31	APA09302	120	723000	467.39	1366	0
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CWSCO	2022-09-31	APA09302	120	723000	479.01	1364	0
CWSCO	2022-09-31	APA09302	120	723000	1083.48	1363	0
CWSCO	2022-09-31	APA09302	120	723000	949.82	1362	0
CWSCO	2022-09-31	APA09302	120	723000	554.57	1361	0
CWSCO	2022-09-31	APA09302	120	723000	484.82	1360	0
CWSCO	2022-09-31	APA09302	120	723000	1414.8	1359	0
CWSCO	2022-09-31	APA09302	120	723000	1298.54	1358	0
CWSCO	2022-09-31	APA09302	120	723000	789.38	1357	0
CWSCO	2022-09-31	APA09302	120	723000	375.01	1356	0
CWSCO	2022-09-31	APA09302	120	723000	730.18	1355	0

CWSCO	2022-09-30	APA09302	120	723000	966.97	1354	0
CWSCO	2022-09-30	APA09302	120	723000	1504.68	1353	0
CWSCO	2022-09-30	APA09302	120	723000	730.18	1352	0
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CWSCO	2022-09-30	APA09302	120	723000	559.55	1350	0
CWSCO	2022-09-30	APA09302	120	723000	1099.26	1349	0
CWSCO	2022-09-30	APA09302	120	723000	505.58	1348	0
CWSCO	2022-09-30	APA09302	120	723000	829.41	1347	0
CWSCO	2022-09-30	APA09302	120	723000	559.55	1346	0
CWSCO	2022-09-30	APA09302	120	723000	462.41	1345	0
CWSCO	2022-09-30	APA09302	120	723000	1099.26	1344	0
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CWSCO	2022-05-01	APA04302	120	723000	-44.22	775	0
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CWSCO	2022-04-30	APA04302	120	723000	44.22	775	0
CWSCO	2022-04-30	APA04302	120	723000	141.75	774	0
CWSCO	2022-12-21	AP002626	120	723000	337.56	354	0
CWSCO	2022-12-21	AP002626	120	723000	718.82	353	0
CWSCO	2022-12-21	AP002626	120	723000	337.56	352	0
CWSCO	2022-12-21	AP002626	120	723000	528.18	351	0
CWSCO	2022-12-21	AP002626	120	723000	591.73	350	0
CWSCO	2022-12-21	AP002626	120	723000	1952.95	349	0
CWSCO	2022-12-15	AP002618	120	723000	845.91	304	0
CWSCO	2022-12-15	AP002618	120	723000	750.6	303	0
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CWSCO	2022-12-15	AP002618	120	723000	401.11	301	0
CWSCO	2022-12-15	AP002618	120	723000	464.64	300	0
CWSCO	2022-12-15	AP002618	120	723000	909.45	299	0
CWSCO	2022-12-15	AP002618	120	723000	591.73	298	0
CWSCO	2022-12-15	AP002618	120	723000	369.33	297	0
CWSCO	2022-12-15	AP002618	120	723000	655.27	296	0
CWSCO	2022-12-15	AP002618	120	723000	687.04	295	0
CWSCO	2022-12-01	AP002616	120	723000	949.82	556	0
CWSCO	2022-12-01	AP002614	120	723000	848.57	327	0
CWSCO	2022-12-01	AP002614	120	723000	467.39	326	0
CWSCO	2022-12-01	AP002614	120	723000	479.01	325	0
CWSCO	2022-12-01	AP002614	120	723000	1083.48	324	0
CWSCO	2022-12-01	AP002614	120	723000	554.57	323	0
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CWSCO	2022-12-01	AP002614	120	723000	1298.54	320	0
CWSCO	2022-12-01	AP002614	120	723000	1504.68	319	0
CWSCO	2022-11-01	AP002597	120	723000	484.82	457	0
CWSCO	2022-11-01	AP002597	120	723000	789.38	456	0

CWSCO	2022-11-01	AP002597	120	723000	375.01	455	0
CWSCO	2022-11-01	AP002597	120	723000	730.18	454	0
CWSCO	2022-11-01	AP002597	120	723000	966.97	453	0
CWSCO	2022-11-01	AP002597	120	723000	730.18	452	0
CWSCO	2022-11-01	AP002597	120	723000	1085.36	451	0
CWSCO	2022-05-01	AP002472	120	723000	44.22	1322	0
CWSCO	2022-05-01	AP002472	120	723000	141.75	1321	0
CWSCO	2022-12-01	ACAP1130	120	723000	-134.4	807	0
CWSCO	2022-11-31	ACAP1130	120	723000	134.4	807	0
CWSCO	2022-11-01	ACAP1031	120	723000	-217.79	583	0
CWSCO	2022-11-01	ACAP1031	120	723000	-95.01	582	0
CWSCO	2022-11-01	ACAP1031	120	723000	-7461.38	581	0
CWSCO	2022-11-01	ACAP1031	120	723000	-4040.85	580	0
CWSCO	2022-11-01	ACAP1031	120	723000	11482.4	579	0
CWSCO	2022-10-31	ACAP1031	120	723000	217.79	583	0
CWSCO	2022-10-31	ACAP1031	120	723000	95.01	582	0
CWSCO	2022-10-31	ACAP1031	120	723000	7461.38	581	0
CWSCO	2022-10-31	ACAP1031	120	723000	4040.85	580	0
CWSCO	2022-10-31	ACAP1031	120	723000	-11482.4	579	0
CWSCO	2020-10-01	RA002122	120	725000	-746.85	623	0
CWSCO	2020-10-01	RA002122	120	725000	-11353.8	621	0
CWSCO	2020-09-01	RA002105	120	725000	-572.8	1364	0
CWSCO	2020-09-01	RA002105	120	725000	-11353.8	1362	0
CWSCO	2020-09-01	RA002105	120	725000	-746.85	857	0
CWSCO	2020-09-01	RA002105	120	725000	-11353.8	855	0
CWSCO	2020-09-31	RA002122	120	725000	746.85	623	0
CWSCO	2020-09-31	RA002122	120	725000	11353.78	621	0
CWSCO	2020-08-31	RA002105	120	725000	11353.78	1362	0
CWSCO	2020-08-31	RA002105	120	725000	746.85	857	0
CWSCO	2020-08-31	RA002105	120	725000	11353.78	855	0
CWSCO	2020-08-01	RA002089	120	725000	-746.85	1426	0
CWSCO	2020-08-01	RA002089	120	725000	-11353.8	1424	0
CWSCO	2020-08-31	RA002105	120	725000	572.8	1364	0
CWSCO	2020-07-31	RA002089	120	725000	746.85	1426	0
CWSCO	2020-07-31	RA002089	120	725000	11353.78	1424	0
CWSCO	2020-07-01	RA002071	120	725000	-260	1557	0
CWSCO	2020-07-01	RA002071	120	725000	-11353.8	1555	0
CWSCO	2020-07-01	RA002071	120	725000	-11353.8	724	0
CWSCO	2020-06-31	RA002071	120	725000	260	1557	0
CWSCO	2020-06-31	RA002071	120	725000	11353.78	1555	0
CWSCO	2020-06-31	RA002071	120	725000	63.45	726	0
CWSCO	2020-06-31	RA002071	120	725000	11353.78	724	0
CWSCO	2020-07-01	RA002071	120	725000	-63.45	726	0
CWSCO	2020-07-01	RA002071	120	725000	-127.5	470	0

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CWSCO	2020-06-0	RA002055	120	725000	-16.27	1876	0
CWSCO	2020-06-0	RA002055	120	725000	-191.36	1874	0
CWSCO	2020-06-0	RA002055	120	725000	-63.45	1115	0
CWSCO	2020-06-0	RA002055	120	725000	-11353.8	1113	0
CWSCO	2020-06-3	RA002071	120	725000	127.5	470	0
CWSCO	2020-06-3	RA002071	120	725000	11353.78	468	0
CWSCO	2020-06-0	RA002055	120	725000	-215.75	452	0
CWSCO	2020-06-0	RA002055	120	725000	-11353.8	450	0
CWSCO	2020-06-0	RA002055	120	725000	-127.5	624	0
CWSCO	2020-06-0	RA002055	120	725000	-11353.8	622	0
CWSCO	2020-05-3	RA002055	120	725000	16.27	1876	0
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CWSCO	2020-05-3	RA002055	120	725000	63.45	1115	0
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CWSCO	2020-05-3	RA002055	120	725000	11353.78	622	0
CWSCO	2020-05-0	RA002040	120	725000	-215.75	728	0
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CWSCO	2020-05-0	RA002040	120	725000	-127.5	1056	0
CWSCO	2020-05-0	RA002040	120	725000	-11353.8	1054	0
CWSCO	2020-04-3	RA002040	120	725000	127.5	1056	0
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CWSCO	2020-04-3	RA002040	120	725000	11353.78	726	0
CWSCO	2020-04-0	RA002023	120	725000	-215.75	1279	0
CWSCO	2020-04-3	RA002040	120	725000	11353.78	1054	0
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CWSCO	2020-03-3	RA002023	120	725000	215.75	1279	0
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CWSCO	2020-02-2	RA002005	120	725000	215.75	1154	0
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CWSCO	2020-01-0	RA001973	120	725000	-11353	1585	0
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CWSCO	2020-10-0	EXPC0930: 120	725000	-51.43	2344	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-41.01	2343	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-580.76	2342	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-965.02	2341	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-82.34	2340	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-804.56	2339	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-55.65	2338	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-24.01	2337	0

CWSCO	2020-10-0	EXPC0930: 120	725000	-21.69	2336	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-19.47	2335	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-70.76	2334	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-2696.63	2333	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-993.3	2332	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-1351.69	2331	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-716.24	2330	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-259.49	2329	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-44.75	2328	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-42.27	2327	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-27.67	2326	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-802.26	2325	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-197.94	2324	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-3623.67	2323	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-1384.75	2322	0
CWSCO	2020-10-0	EXPC0930: 120	725000	-302.94	2321	0
CWSCO	2020-09-31	EXPC0930: 120	725000	46.11	2355	0
CWSCO	2020-09-31	EXPC0930: 120	725000	571.83	2354	0
CWSCO	2020-09-31	EXPC0930: 120	725000	46.11	2353	0
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CWSCO	2020-09-31	EXPC0930: 120	725000	965.02	2351	0
CWSCO	2020-09-31	EXPC0930: 120	725000	640.96	2350	0
CWSCO	2020-09-31	EXPC0930: 120	725000	1363.55	2349	0
CWSCO	2020-09-31	EXPC0930: 120	725000	450	2348	0
CWSCO	2020-09-31	EXPC0930: 120	725000	522.7	2347	0
CWSCO	2020-09-31	EXPC0930: 120	725000	243.6	2346	0
CWSCO	2020-09-31	EXPC0930: 120	725000	769.82	2345	0
CWSCO	2020-09-31	EXPC0930: 120	725000	51.43	2344	0
CWSCO	2020-09-31	EXPC0930: 120	725000	41.01	2343	0
CWSCO	2020-09-31	EXPC0930: 120	725000	580.76	2342	0
CWSCO	2020-09-31	EXPC0930: 120	725000	965.02	2341	0
CWSCO	2020-09-31	EXPC0930: 120	725000	82.34	2340	0
CWSCO	2020-09-31	EXPC0930: 120	725000	804.56	2339	0
CWSCO	2020-09-31	EXPC0930: 120	725000	55.65	2338	0
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CWSCO	2020-09-31	EXPC0930: 120	725000	21.69	2336	0
CWSCO	2020-09-31	EXPC0930: 120	725000	19.47	2335	0
CWSCO	2020-09-31	EXPC0930: 120	725000	70.76	2334	0
CWSCO	2020-09-31	EXPC0930: 120	725000	2696.63	2333	0
CWSCO	2020-09-31	EXPC0930: 120	725000	993.3	2332	0
CWSCO	2020-09-31	EXPC0930: 120	725000	1351.69	2331	0
CWSCO	2020-09-31	EXPC0930: 120	725000	716.24	2330	0
CWSCO	2020-09-31	EXPC0930: 120	725000	259.49	2329	0
CWSCO	2020-09-31	EXPC0930: 120	725000	44.75	2328	0

CWSCO	2020-09-30	EXPC0930: 120	725000	42.27	2327	0
CWSCO	2020-09-30	EXPC0930: 120	725000	27.67	2326	0
CWSCO	2020-09-30	EXPC0930: 120	725000	802.26	2325	0
CWSCO	2020-09-30	EXPC0930: 120	725000	197.94	2324	0
CWSCO	2020-09-30	EXPC0930: 120	725000	3623.67	2323	0
CWSCO	2020-09-30	EXPC0930: 120	725000	1384.75	2322	0
CWSCO	2020-09-30	EXPC0930: 120	725000	302.94	2321	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-2.38	2352	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-17.29	2351	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-19.47	2350	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-21.69	2349	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-24.01	2348	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-27.67	2347	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-41.11	2346	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-42.27	2345	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-44.75	2344	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-55.65	2343	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-58.73	2342	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-70.76	2341	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-259.49	2340	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-302.94	2339	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-716.24	2338	0
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CWSCO	2020-09-00	EXPC0831: 120	725000	-1351.69	2334	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-1384.75	2333	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-2696.63	2332	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-3623.67	2331	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-51.43	2330	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-41.01	2329	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-580.76	2328	0
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CWSCO	2020-09-00	EXPC0831: 120	725000	-965.02	2326	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-82.34	2325	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-414	2324	0
CWSCO	2020-09-00	EXPC0831: 120	725000	-197.94	2323	0
CWSCO	2020-08-31	EXPC0831: 120	725000	2.38	2352	0
CWSCO	2020-08-31	EXPC0831: 120	725000	17.29	2351	0
CWSCO	2020-08-31	EXPC0831: 120	725000	19.47	2350	0
CWSCO	2020-08-31	EXPC0831: 120	725000	21.69	2349	0
CWSCO	2020-08-31	EXPC0831: 120	725000	24.01	2348	0
CWSCO	2020-08-31	EXPC0831: 120	725000	27.67	2347	0
CWSCO	2020-08-31	EXPC0831: 120	725000	41.11	2346	0

CWSCO	2020-08-3	EXPC0831:120	725000	42.27	2345	0
CWSCO	2020-08-3	EXPC0831:120	725000	44.75	2344	0
CWSCO	2020-08-3	EXPC0831:120	725000	55.65	2343	0
CWSCO	2020-08-3	EXPC0831:120	725000	58.73	2342	0
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CWSCO	2020-08-3	EXPC0831:120	725000	302.94	2339	0
CWSCO	2020-08-3	EXPC0831:120	725000	716.24	2338	0
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CWSCO	2020-08-3	EXPC0831:120	725000	3623.67	2331	0
CWSCO	2020-08-3	EXPC0831:120	725000	51.43	2330	0
CWSCO	2020-08-3	EXPC0831:120	725000	41.01	2329	0
CWSCO	2020-08-3	EXPC0831:120	725000	580.76	2328	0
CWSCO	2020-08-3	EXPC0831:120	725000	15.87	2327	0
CWSCO	2020-08-3	EXPC0831:120	725000	965.02	2326	0
CWSCO	2020-08-3	EXPC0831:120	725000	82.34	2325	0
CWSCO	2020-08-3	EXPC0831:120	725000	414	2324	0
CWSCO	2020-08-3	EXPC0831:120	725000	197.94	2323	0
CWSCO	2020-08-0	EXPC0731:120	725000	-1384.75	2081	0
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CWSCO	2020-08-0	EXPC0731:120	725000	-1351.69	2079	0
CWSCO	2020-08-0	EXPC0731:120	725000	-259.49	2078	0
CWSCO	2020-08-0	EXPC0731:120	725000	-223.03	2077	0
CWSCO	2020-08-0	EXPC0731:120	725000	-965.02	2076	0
CWSCO	2020-08-0	EXPC0731:120	725000	-42.27	2075	0
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CWSCO	2020-08-0	EXPC0731:120	725000	-17.29	2066	0
CWSCO	2020-08-0	EXPC0731:120	725000	-993.3	2065	0
CWSCO	2020-08-0	EXPC0731:120	725000	-82.34	2064	0
CWSCO	2020-08-0	EXPC0731:120	725000	-802.26	2063	0
CWSCO	2020-08-0	EXPC0731:120	725000	-414	2062	0
CWSCO	2020-08-0	EXPC0731:120	725000	-197.94	2061	0

CWSCO	2020-07-3	EXPC0731: 120	725000	1384.75	2081	0
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CWSCO	2020-07-3	EXPC0731: 120	725000	259.49	2078	0
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CWSCO	2020-07-3	EXPC0731: 120	725000	44.75	2074	0
CWSCO	2020-07-3	EXPC0731: 120	725000	716.24	2073	0
CWSCO	2020-07-3	EXPC0731: 120	725000	55.65	2072	0
CWSCO	2020-07-3	EXPC0731: 120	725000	27.67	2071	0
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CWSCO	2020-07-3	EXPC0731: 120	725000	802.26	2063	0
CWSCO	2020-07-3	EXPC0731: 120	725000	414	2062	0
CWSCO	2020-07-3	EXPC0731: 120	725000	197.94	2061	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-2.38	2698	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-17.29	2675	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-21.69	2667	0
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CWSCO	2020-07-0	EXPC0630: 120	725000	-41.11	2622	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-42.27	2619	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-44.75	2616	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-55.65	2595	0
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CWSCO	2020-07-0	EXPC0630: 120	725000	-58.73	2591	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-70.76	2582	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-147.51	2547	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-197.94	2533	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-338.16	2507	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-716.24	2489	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-804.56	2482	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-965.02	2478	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-993.3	2477	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-1187.21	2474	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-1261.25	2473	0
CWSCO	2020-07-0	EXPC0630: 120	725000	-1578.27	2470	0

CWSCO	2020-07-0	EXPC0630:120	725000	-2696.63	2468	0
CWSCO	2020-07-0	EXPC0630:120	725000	-658.14	2	0
CWSCO	2020-06-31	EXPC0630:120	725000	2.38	2698	0
CWSCO	2020-06-31	EXPC0630:120	725000	17.29	2675	0
CWSCO	2020-06-31	EXPC0630:120	725000	21.69	2667	0
CWSCO	2020-06-31	EXPC0630:120	725000	27.67	2650	0
CWSCO	2020-06-31	EXPC0630:120	725000	34.39	2634	0
CWSCO	2020-06-31	EXPC0630:120	725000	36.27	2632	0
CWSCO	2020-06-31	EXPC0630:120	725000	41.11	2622	0
CWSCO	2020-06-31	EXPC0630:120	725000	42.27	2619	0
CWSCO	2020-06-31	EXPC0630:120	725000	44.75	2616	0
CWSCO	2020-06-31	EXPC0630:120	725000	55.65	2595	0
CWSCO	2020-06-31	EXPC0630:120	725000	56.79	2592	0
CWSCO	2020-06-31	EXPC0630:120	725000	58.73	2591	0
CWSCO	2020-06-31	EXPC0630:120	725000	70.76	2582	0
CWSCO	2020-06-31	EXPC0630:120	725000	147.51	2547	0
CWSCO	2020-06-31	EXPC0630:120	725000	197.94	2533	0
CWSCO	2020-06-31	EXPC0630:120	725000	338.16	2507	0
CWSCO	2020-06-31	EXPC0630:120	725000	716.24	2489	0
CWSCO	2020-06-31	EXPC0630:120	725000	804.56	2482	0
CWSCO	2020-06-31	EXPC0630:120	725000	965.02	2478	0
CWSCO	2020-06-31	EXPC0630:120	725000	993.3	2477	0
CWSCO	2020-06-31	EXPC0630:120	725000	1187.21	2474	0
CWSCO	2020-06-31	EXPC0630:120	725000	1261.25	2473	0
CWSCO	2020-06-31	EXPC0630:120	725000	1578.27	2470	0
CWSCO	2020-06-31	EXPC0630:120	725000	2696.63	2468	0
CWSCO	2020-06-31	EXPC0630:120	725000	658.14	2	0
CWSCO	2020-06-0	EXPC0531:120	725000	-2.38	6655	0
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CWSCO	2020-06-0	EXPC0531:120	725000	-34.39	4652	0
CWSCO	2020-06-0	EXPC0531:120	725000	-36.27	4565	0
CWSCO	2020-06-0	EXPC0531:120	725000	-41.11	4369	0
CWSCO	2020-06-0	EXPC0531:120	725000	-53.1	3961	0
CWSCO	2020-06-0	EXPC0531:120	725000	-56.79	3847	0
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CWSCO	2020-06-0	EXPC0531:120	725000	-70.76	3506	0
CWSCO	2020-06-0	EXPC0531:120	725000	-81.28	3274	0
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CWSCO	2020-06-0	EXPC0531:120	725000	-167.59	2131	0
CWSCO	2020-06-0	EXPC0531:120	725000	-177.58	2042	0
CWSCO	2020-06-0	EXPC0531:120	725000	-197.94	1866	0

CWSCO	2020-06-0: EXPC0531: 120	725000	-215.32	1695	0
CWSCO	2020-06-0: EXPC0531: 120	725000	-286.55	1351	0
CWSCO	2020-06-0: EXPC0531: 120	725000	-338.16	1156	0
CWSCO	2020-06-0: EXPC0531: 120	725000	-405.31	984	0
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CWSCO	2020-06-0: EXPC0531: 120	725000	-993.3	351	0
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CWSCO	2020-05-3: EXPC0531: 120	725000	41.11	4369	0
CWSCO	2020-05-3: EXPC0531: 120	725000	53.1	3961	0
CWSCO	2020-05-3: EXPC0531: 120	725000	56.79	3847	0
CWSCO	2020-05-3: EXPC0531: 120	725000	58.73	3804	0
CWSCO	2020-05-3: EXPC0531: 120	725000	62.08	3695	0
CWSCO	2020-05-3: EXPC0531: 120	725000	70.76	3506	0
CWSCO	2020-05-3: EXPC0531: 120	725000	81.28	3274	0
CWSCO	2020-05-3: EXPC0531: 120	725000	147.51	2303	0
CWSCO	2020-05-3: EXPC0531: 120	725000	167.59	2131	0
CWSCO	2020-05-3: EXPC0531: 120	725000	177.58	2042	0
CWSCO	2020-05-3: EXPC0531: 120	725000	197.94	1866	0
CWSCO	2020-05-3: EXPC0531: 120	725000	215.32	1695	0
CWSCO	2020-05-3: EXPC0531: 120	725000	286.55	1351	0
CWSCO	2020-05-3: EXPC0531: 120	725000	338.16	1156	0
CWSCO	2020-05-3: EXPC0531: 120	725000	405.31	984	0
CWSCO	2020-05-3: EXPC0531: 120	725000	596.75	659	0
CWSCO	2020-05-3: EXPC0531: 120	725000	658.14	595	0
CWSCO	2020-05-3: EXPC0531: 120	725000	801.46	445	0
CWSCO	2020-05-3: EXPC0531: 120	725000	908.45	389	0
CWSCO	2020-05-3: EXPC0531: 120	725000	936.46	377	0
CWSCO	2020-05-3: EXPC0531: 120	725000	993.3	351	0



CWSCO	2020-05-3	EXPC0531: 120	725000	1187.21	273	0
CWSCO	2020-05-3	EXPC0531: 120	725000	1261.25	254	0
CWSCO	2020-05-3	EXPC0531: 120	725000	1472.1	211	0
CWSCO	2020-05-3	EXPC0531: 120	725000	1550	199	0
CWSCO	2020-05-3	EXPC0531: 120	725000	1578.27	194	0
CWSCO	2020-05-3	EXPC0531: 120	725000	1610.95	188	0
CWSCO	2020-05-3	EXPC0531: 120	725000	2696.63	83	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-1610.95	2389	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-32.07	2388	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-33.7	2387	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-993.3	2386	0
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CWSCO	2020-05-0	EXPC0430: 120	725000	-1187.21	2384	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-1578.27	2383	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-29.16	2382	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-42.82	2381	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-110.24	2380	0
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CWSCO	2020-05-0	EXPC0430: 120	725000	-1261.25	2377	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-53.1	2376	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-17.77	2375	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-338.16	2374	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-197.94	2373	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-147.51	2372	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-741.09	2371	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-596.75	2370	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-38.56	2369	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-2696.63	2368	0
CWSCO	2020-05-0	EXPC0430: 120	725000	-658.14	8	0
CWSCO	2020-04-31	EXPC0430: 120	725000	1610.95	2389	0
CWSCO	2020-04-31	EXPC0430: 120	725000	32.07	2388	0
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CWSCO	2020-04-31	EXPC0430: 120	725000	1578.27	2383	0
CWSCO	2020-04-31	EXPC0430: 120	725000	29.16	2382	0
CWSCO	2020-04-31	EXPC0430: 120	725000	42.82	2381	0
CWSCO	2020-04-31	EXPC0430: 120	725000	110.24	2380	0
CWSCO	2020-04-31	EXPC0430: 120	725000	41.11	2379	0
CWSCO	2020-04-31	EXPC0430: 120	725000	58.73	2378	0
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CWSCO	2020-04-31	EXPC0430: 120	725000	53.1	2376	0

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CWSCO	2020-04-3	EXPC0430: 120	725000	338.16	2374	0
CWSCO	2020-04-3	EXPC0430: 120	725000	197.94	2373	0
CWSCO	2020-04-3	EXPC0430: 120	725000	147.51	2372	0
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CWSCO	2020-04-3	EXPC0430: 120	725000	596.75	2370	0
CWSCO	2020-04-3	EXPC0430: 120	725000	38.56	2369	0
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CWSCO	2020-04-0	EXPC0331: 120	725000	-41.11	2070	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-58.73	2069	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-179.94	2068	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-1261.25	2067	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-219.3	2066	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-132.81	2065	0
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CWSCO	2020-04-0	EXPC0331: 120	725000	-674.37	2062	0
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CWSCO	2020-04-0	EXPC0331: 120	725000	-1578.27	2060	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-589.5	2059	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-110.24	2058	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-2696.63	2057	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-302.92	2056	0
CWSCO	2020-04-0	EXPC0331: 120	725000	-658.14	2	0
CWSCO	2020-03-3	EXPC0331: 120	725000	41.11	2070	0
CWSCO	2020-03-3	EXPC0331: 120	725000	58.73	2069	0
CWSCO	2020-03-3	EXPC0331: 120	725000	179.94	2068	0
CWSCO	2020-03-3	EXPC0331: 120	725000	1261.25	2067	0
CWSCO	2020-03-3	EXPC0331: 120	725000	219.3	2066	0
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CWSCO	2020-03-3	EXPC0331: 120	725000	53.1	2064	0
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CWSCO	2020-03-3	EXPC0331: 120	725000	1578.27	2060	0
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CWSCO	2020-03-3	EXPC0331: 120	725000	658.14	2	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-132.81	2144	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-17.77	2143	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-53.1	2142	0

CWSCO	2020-03-0	EXPC0229: 120	725000	-404.04	2141	0
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CWSCO	2020-03-0	EXPC0229: 120	725000	-658.14	2139	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1694.07	2138	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-43.4	2137	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-268.97	2136	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1075.89	2135	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-422.4	2134	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1613.83	2133	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-248.39	2132	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-298.12	2131	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-154.5	2130	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1075.89	2129	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-37.88	2128	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-152.13	2127	0
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CWSCO	2020-03-0	EXPC0229: 120	725000	-25.7	2125	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-268.97	2124	0
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CWSCO	2020-03-0	EXPC0229: 120	725000	-566.38	2122	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-846.25	2121	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1075.89	2120	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1684.84	2119	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-1075.89	2118	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-156.85	2117	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-48.36	2116	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-179.94	2115	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-302.92	2114	0
CWSCO	2020-03-0	EXPC0229: 120	725000	-674.37	2113	0
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CWSCO	2020-02-2	EXPC0229: 120	725000	17.77	2143	0
CWSCO	2020-02-2	EXPC0229: 120	725000	53.1	2142	0
CWSCO	2020-02-2	EXPC0229: 120	725000	404.04	2141	0
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CWSCO	2020-02-2	EXPC0229: 120	725000	268.97	2136	0
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CWSCO	2020-02-2	EXPC0229: 120	725000	1613.83	2133	0
CWSCO	2020-02-2	EXPC0229: 120	725000	248.39	2132	0
CWSCO	2020-02-2	EXPC0229: 120	725000	298.12	2131	0
CWSCO	2020-02-2	EXPC0229: 120	725000	154.5	2130	0

CWSCO	2020-02-2	EXPC0229: 120	725000	1075.89	2129	0
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CWSCO	2020-02-2	EXPC0229: 120	725000	537.94	2126	0
CWSCO	2020-02-2	EXPC0229: 120	725000	25.7	2125	0
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CWSCO	2020-02-2	EXPC0229: 120	725000	85.87	2123	0
CWSCO	2020-02-2	EXPC0229: 120	725000	566.38	2122	0
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CWSCO	2020-02-0	EXPC0131: 120	725000	-658.14	1920	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-43.4	1919	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-1075.89	1918	0
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CWSCO	2020-02-0	EXPC0131: 120	725000	-422.4	1915	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-298.12	1914	0
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CWSCO	2020-02-0	EXPC0131: 120	725000	-537.94	1910	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-37.88	1909	0
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CWSCO	2020-02-0	EXPC0131: 120	725000	-1075.89	1904	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-85.87	1903	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-846.25	1902	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-566.38	1901	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-1684.84	1900	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-1131.39	1899	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-1075.89	1898	0
CWSCO	2020-02-0	EXPC0131: 120	725000	-292.07	1897	0

CWSCO	2020-02-0	EXPC0131:120	725000	-251.05	1896	0
CWSCO	2020-02-0	EXPC0131:120	725000	-232.77	1895	0
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CWSCO	2020-02-0	EXPC0131:120	725000	-218.97	1893	0
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CWSCO	2020-01-3	EXPC0131:120	725000	422.4	1915	0
CWSCO	2020-01-3	EXPC0131:120	725000	298.12	1914	0
CWSCO	2020-01-3	EXPC0131:120	725000	248.39	1913	0
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CWSCO	2020-01-3	EXPC0131:120	725000	1075.89	1904	0
CWSCO	2020-01-3	EXPC0131:120	725000	85.87	1903	0
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CWSCO	2020-01-3	EXPC0131:120	725000	566.38	1901	0
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CWSCO	2020-01-3	EXPC0131:120	725000	218.97	1893	0
CWSCO	2020-01-3	EXPC0131:120	725000	2.1	1892	0

CWSCO	2020-01-3	EXPC0131	120	725000	92.67	1891	0
CWSCO	2020-01-3	EXPC0131	120	725000	300.86	1890	0
CWSCO	2020-01-3	EXPC0131	120	725000	76.43	1889	0
CWSCO	2020-01-3	EXPC0131	120	725000	1060.49	1888	0
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CWSCO	2020-12-3	EXP02172	120	725000	580.76	599	0
CWSCO	2020-12-1	EXP02162	120	725000	1363.55	463	0
CWSCO	2020-11-2	EXP02150	120	725000	394.62	41	0
CWSCO	2020-11-1	EXP02149	120	725000	42.33	83	0
CWSCO	2020-11-0	EXP02144	120	725000	802.26	23	0
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CWSCO	2020-11-0	EXP02144	120	725000	116.25	821	0
CWSCO	2020-11-0	EXP02144	120	725000	56.75	819	0
CWSCO	2020-11-0	EXP02144	120	725000	108.42	61	0
CWSCO	2020-11-0	EXP02144	120	725000	454.13	59	0
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CWSCO	2020-11-0	EXP02141	120	725000	27.67	29	0
CWSCO	2020-10-1	EXP02130	120	725000	55.65	265	0
CWSCO	2020-10-1	EXP02130	120	725000	804.56	263	0
CWSCO	2020-10-1	EXP02130	120	725000	21.69	113	0
CWSCO	2020-10-1	EXP02130	120	725000	993.3	71	0
CWSCO	2020-09-0	EXP02109	120	725000	121.03	17	0
CWSCO	2020-09-0	EXP02107	120	725000	17.29	31	0
CWSCO	2020-09-0	EXP02107	120	725000	2.38	27	0
CWSCO	2020-09-0	EXP02107	120	725000	58.73	5	0
CWSCO	2020-09-0	EXP02107	120	725000	41.11	1	0
CWSCO	2020-08-2	EXP02103	120	725000	658.14	1	0

CWSCO	2020-08-1	EXP02098	120	725000	10.85	67	0
CWSCO	2020-08-1	EXP02098	120	725000	11.49	65	0
CWSCO	2020-08-1	EXP02098	120	725000	965.02	11	0
CWSCO	2020-08-1	EXP02096	120	725000	42.29	253	0
CWSCO	2020-08-1	EXP02096	120	725000	70.99	249	0
CWSCO	2020-08-1	EXP02096	120	725000	121.03	245	0
CWSCO	2020-08-1	EXP02096	120	725000	110.17	243	0
CWSCO	2020-07-3	EXP02087	120	725000	338.16	73	0
CWSCO	2020-07-3	EXP02087	120	725000	147.51	71	0
CWSCO	2020-07-2	EXP02083	120	725000	56.79	27	0
CWSCO	2020-07-2	EXP02083	120	725000	1187.21	25	0
CWSCO	2020-07-2	EXP02083	120	725000	1578.27	23	0
CWSCO	2020-07-1	EXP02079	120	725000	242.04	89	0
CWSCO	2020-07-0	EXP02072	120	725000	814.77	57	0
CWSCO	2020-06-1	EXP02060	120	725000	81.28	123	0
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CWSCO	2020-06-1	EXP02060	120	725000	405.31	99	0
CWSCO	2020-06-0	EXP02058	120	725000	286.55	975	0
CWSCO	2020-06-0	EXP02058	120	725000	908.45	973	0
CWSCO	2020-06-0	EXP02058	120	725000	167.59	971	0
CWSCO	2020-06-0	EXP02058	120	725000	1472.1	969	0
CWSCO	2020-06-0	EXP02058	120	725000	177.58	967	0
CWSCO	2020-06-0	EXP02058	120	725000	215.32	965	0
CWSCO	2020-06-0	EXP02058	120	725000	936.46	671	0
CWSCO	2020-05-2	EXP02050	120	725000	33.7	39	0
CWSCO	2020-05-0	EXP02040	120	725000	110.24	657	0
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CWSCO	2020-04-3	EXP02037	120	725000	302.92	755	0
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CWSCO	2020-04-3	EXP02037	120	725000	28.76	643	0
CWSCO	2020-04-3	EXP02037	120	725000	20.59	641	0
CWSCO	2020-04-3	EXP02037	120	725000	14.05	333	0
CWSCO	2020-04-3	EXP02037	120	725000	219.3	45	0
CWSCO	2020-04-2	EXP02033	120	725000	179.94	113	0
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CWSCO	2020-04-2	EXP02033	120	725000	132.81	75	0
CWSCO	2020-04-2	EXP02033	120	725000	404.04	73	0
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CWSCO	2020-04-2	EXP02033	120	725000	273.42	63	0
CWSCO	2020-04-2	EXP02033	120	725000	5.48	59	0
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CWSCO	2020-03-0	EXP02009	120	725000	156.85	291	0

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CWSCO	2020-03-0	EXP02009	120	725000	1075.89	255	0
CWSCO	2020-03-0	EXP02009	120	725000	268.97	253	0
CWSCO	2020-03-0	EXP02009	120	725000	800.24	251	0
CWSCO	2020-03-0	EXP02009	120	725000	1694.07	249	0
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CWSCO	2020-03-0	EXP02009	120	725000	152.13	241	0
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CWSCO	2020-03-0	EXP02009	120	725000	1613.83	217	0
CWSCO	2020-03-0	EXP02009	120	725000	298.12	215	0
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CWSCO	2020-03-0	EXP02009	120	725000	25.7	195	0
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CWSCO	2020-03-0	EXP02009	120	725000	566.38	185	0
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CWSCO	2020-03-0	EXP02008	120	725000	121.03	39	0
CWSCO	2020-02-2	EXP02000	120	725000	1131.39	85	0
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CWSCO	2020-02-1	EXP01998	120	725000	292.07	35	0
CWSCO	2020-02-1	EXP01998	120	725000	232.77	33	0
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CWSCO	2020-02-1	EXP01998	120	725000	218.97	23	0
CWSCO	2020-02-1	EXP01998	120	725000	76.43	19	0
CWSCO	2020-02-1	EXP01996	120	725000	483.1	229	0
CWSCO	2020-02-0	EXP01991	120	725000	251.05	359	0
CWSCO	2020-02-0	EXP01991	120	725000	1060.49	17	0
CWSCO	2020-01-1	EXP01978	120	725000	108.42	181	0
CWSCO	2020-10-2	ARD02137	120	725000	-16.6	1	0
CWSCO	2020-08-0	APA07312	120	725000	-223.95	776	0
CWSCO	2020-07-3	APA07312	120	725000	223.95	776	0
CWSCO	2020-06-0	APA05312	120	725000	-210.56	59	0
CWSCO	2020-05-3	APA05312	120	725000	210.56	59	0
CWSCO	2020-04-0	APA03312	120	725000	-70.79	251	0
CWSCO	2020-03-3	APA03312	120	725000	70.79	251	0
CWSCO	2020-12-2	AP002171	120	725000	2417.31	699	0
CWSCO	2020-12-2	AP002166	120	725000	1033.41	404	0



CWSCO	2020-12-2	AP002166	120	725000	11353.78	403	0
CWSCO	2020-11-2	AP002153	120	725000	-1392.82	8	0
CWSCO	2020-11-1	AP002147	120	725000	396.9	546	0
CWSCO	2020-11-1	AP002147	120	725000	11353.78	545	0
CWSCO	2020-10-2	AP002133	120	725000	1392.82	850	0
CWSCO	2020-10-1	AP002129	120	725000	145	489	0
CWSCO	2020-10-1	AP002129	120	725000	11353.78	488	0
CWSCO	2020-10-1	AP002127	120	725000	1023.17	494	0
CWSCO	2020-10-0	AP002123	120	725000	2381.25	295	0
CWSCO	2020-10-0	AP002123	120	725000	11353.78	294	0
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CWSCO	2020-09-1	AP002113	120	725000	572.8	770	0
CWSCO	2020-09-1	AP002113	120	725000	11353.78	769	0
CWSCO	2020-08-2	AP002099	120	725000	452.82	607	0
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CWSCO	2020-08-1	AP002096	120	725000	91.21	490	0
CWSCO	2020-08-1	AP002096	120	725000	83.91	489	0
CWSCO	2020-08-1	AP002094	120	725000	71.56	27	0
CWSCO	2020-07-3	AP002086	120	725000	411.65	380	0
CWSCO	2020-07-1	AP002077	120	725000	63.45	306	0
CWSCO	2020-07-1	AP002077	120	725000	11353.78	305	0
CWSCO	2020-07-1	AP002077	120	725000	260	304	0
CWSCO	2020-07-1	AP002077	120	725000	11353.78	303	0
CWSCO	2020-07-1	AP002077	120	725000	127.5	302	0
CWSCO	2020-07-1	AP002077	120	725000	11353.78	301	0
CWSCO	2020-06-1	AP002061	120	725000	340.09	476	0
CWSCO	2020-06-0	AP002055	120	725000	210.56	1493	0
CWSCO	2020-05-2	AP002050	120	725000	-686	19	0
CWSCO	2020-05-1	AP002046	120	725000	-71.56	525	0
CWSCO	2020-04-3	AP002037	120	725000	551.2	1041	0
CWSCO	2020-04-2	AP002036	120	725000	686	662	0
CWSCO	2020-04-0	AP002027	120	725000	411.65	941	0
CWSCO	2020-04-0	AP002024	120	725000	1359.15	785	0
CWSCO	2020-03-2	AP002016	120	725000	14063.87	271	0
CWSCO	2020-03-2	AP002016	120	725000	215.75	270	0
CWSCO	2020-03-2	AP002016	120	725000	11353.78	269	0
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CWSCO	2020-03-1	AP002013	120	725000	483.21	523	0
CWSCO	2020-02-2	AP002001	120	725000	-1366.25	991	0
CWSCO	2020-02-1	AP001997	120	725000	186.84	170	0
CWSCO	2020-01-2	AP001983	120	725000	11353	341	0
CWSCO	2020-01-2	AP001983	120	725000	11353.78	340	0

CWSCO	2020-01-11	AP001977	120	725000	186.84	169	0
CWSCO	2020-01-01	AP001977	120	725000	1366.25	505	0
CWSCO	2020-12-31	AC_EST	120	725000	7422.53	67	0
CWSCO	2020-12-01	AC_EST	120	725000	-5027.42	64	0
CWSCO	2020-11-30	AC_EST	120	725000	5027.42	64	0
CWSCO	2020-11-01	AC_EST	120	725000	-2745.3	65	0
CWSCO	2020-10-31	AC_EST	120	725000	2745.3	65	0
CWSCO	2020-10-01	AC_EST	120	725000	-240.91	65	0
CWSCO	2020-09-30	AC_EST	120	725000	240.91	65	0
CWSCO	2020-09-01	AC_EST	120	725000	-240.91	61	0
CWSCO	2020-08-31	AC_EST	120	725000	240.91	61	0
CWSCO	2020-08-01	AC_EST	120	725000	-5391.07	66	0
CWSCO	2020-07-31	AC_EST	120	725000	5391.07	66	0
CWSCO	2020-07-01	AC_EST	120	725000	-5308.74	63	0
CWSCO	2020-06-30	AC_EST	120	725000	5308.74	63	0
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CWSCO	2020-03-31	AC_EST	120	725000	10046.48	59	0
CWSCO	2020-03-01	AC_EST	120	725000	-4805.76	53	0
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CWSCO	2020-01-01	AC_EST	120	725000	-7384.86	56	0
CWSCO	2020-02-01	AC_AP_3	120	725000	1366.25	187	0
CWSCO	2020-01-31	AC_AP_3	120	725000	-1366.25	187	0
CWSCO	2020-11-01	AC_AP_2	120	725000	1392.82	121	0
CWSCO	2020-10-31	AC_AP_2	120	725000	-1392.82	121	0
CWSCO	2020-05-01	AC_AP_1	120	725000	686	211	0
CWSCO	2020-04-30	AC_AP_1	120	725000	-686	211	0
CWSCO	2020-01-01	AC_AP_1	120	725000	1187.5	343	0
CWSCO	2020-12-01	ACAP1209	120	725000	-725.59	269	0
CWSCO	2020-11-30	ACAP1209	120	725000	725.59	269	0
CWSCO	2020-10-01	ACAP1008	120	725000	-11353.8	692	0
CWSCO	2020-10-01	ACAP1008	120	725000	-2381.25	691	0
CWSCO	2020-09-30	ACAP1008	120	725000	11353.78	692	0
CWSCO	2020-09-30	ACAP1008	120	725000	2381.25	691	0
CWSCO	2020-04-01	ACAP0409	120	725000	-411.65	310	0
CWSCO	2020-03-31	ACAP0409	120	725000	411.65	310	0
CWSCO	2020-03-01	ACAP0310	120	725000	-186.84	225	0
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CWSCO	2020-02-01	ACAP0210	120	725000	-186.84	345	0

CWSCO	2020-01-3	ACAP0210	120	725000	186.84	345	0
CWSCO	2020-01-0	ACAP0109	120	725000	-186.84	262	0
CWSCO	2021-03-1	EXP02217	149	724010	18.95	31	0
CWSCO	2021-03-0	EXP02211	149	724010	199.84	7	0
CWSCO	2022-05-1	EXP02480	149	724000	1864.48	559	0
CWSCO	2022-05-1	EXP02480	149	724000	2368.97	557	0
CWSCO	2022-05-1	EXP02478	149	724000	16.61	367	0
CWSCO	2022-05-1	EXP02478	149	724000	869.41	365	0
CWSCO	2022-05-1	EXP02478	149	724000	790.35	325	0
CWSCO	2022-05-1	EXP02478	149	724000	12.71	323	0
CWSCO	2022-03-3	EXP02451	149	724000	686.77	419	0
CWSCO	2019-11-2	AP001954	157	724000	484.27	371	0
CWSCO	2019-11-1	AP001947	157	724000	488.87	677	0
CWSCO	2019-09-2	AP001919	157	724000	534.1	635	0
CWSCO	2020-11-0	EXP02144	157	724010	18.48	197	0
CWSCO	2020-10-1	EXP02131	157	724010	149.5	113	0
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CWSCO	2022-12-3	RA002630	157	725000	100	153	0
CWSCO	2022-12-0	RA002611	157	725000	-6175	672	0
CWSCO	2022-12-0	RA002611	157	725000	-100	277	0
CWSCO	2022-11-3	RA002611	157	725000	6175	672	0
CWSCO	2022-11-3	RA002611	157	725000	100	277	0
CWSCO	2022-11-0	RA002592	157	725000	-100	419	0
CWSCO	2022-10-3	RA002592	157	725000	100	419	0
CWSCO	2022-12-3	EXPC1231	157	725000	2748.54	4026	0
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CWSCO	2022-12-3	EXPC1231	157	725000	142.54	3984	0
CWSCO	2022-01-0	EXPC1231	157	725000	-546	2574	0
CWSCO	2022-01-0	EXPC1231	157	725000	-904.67	2573	0
CWSCO	2022-12-0	EXPC1130	157	725000	-904.67	4366	0
CWSCO	2022-12-0	EXPC1130	157	725000	-2748.54	4361	0
CWSCO	2022-12-0	EXPC1130	157	725000	-513.88	4357	0
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CWSCO	2022-12-0	EXPC1130:157	725000	-545.68	4329	0
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CWSCO	2022-12-0	EXPC1130:157	725000	-61.55	4310	0
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CWSCO	2022-11-0	EXPC1031:157	725000	-32.49	3718	0
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CWSCO	2022-10-3	EXPC1031:157	725000	44.18	3719	0
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CWSCO	2022-10-3	EXPC1031:157	725000	513.88	3712	0
CWSCO	2022-10-0	EXPC0930:157	725000	-904.67	3842	0
CWSCO	2022-10-0	EXPC0930:157	725000	-62.76	3833	0
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CWSCO	2022-10-0	EXPC0930:157	725000	-125	3828	0
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CWSCO	2022-10-0	EXPC0930:157	725000	-98.56	3820	0
CWSCO	2022-10-0	EXPC0930:157	725000	-513.88	3801	0
CWSCO	2022-10-0	EXPC0930:157	725000	-2651.94	3773	0

CWSCO	2022-09-30	EXPC0930: 157	725000	904.67	3842	0
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CWSCO	2022-09-00	EXPC0831: 157	725000	-98.56	3444	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-2748.54	3438	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-125	3436	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-20.4	3434	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-456.38	3431	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-904.67	3418	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-355.59	3416	0
CWSCO	2022-09-00	EXPC0831: 157	725000	-1436.15	3415	0
CWSCO	2022-08-31	EXPC0831: 157	725000	98.56	3444	0
CWSCO	2022-08-31	EXPC0831: 157	725000	2748.54	3438	0
CWSCO	2022-08-31	EXPC0831: 157	725000	125	3436	0
CWSCO	2022-08-31	EXPC0831: 157	725000	20.4	3434	0
CWSCO	2022-08-31	EXPC0831: 157	725000	456.38	3431	0
CWSCO	2022-08-31	EXPC0831: 157	725000	904.67	3418	0
CWSCO	2022-08-31	EXPC0831: 157	725000	355.59	3416	0
CWSCO	2022-08-31	EXPC0831: 157	725000	1436.15	3415	0
CWSCO	2022-08-00	EXPC0731: 157	725000	-904.67	3879	0
CWSCO	2022-08-00	EXPC0731: 157	725000	-456.38	3861	0
CWSCO	2022-08-00	EXPC0731: 157	725000	-20.4	3858	0
CWSCO	2022-08-00	EXPC0731: 157	725000	-50.14	3856	0
CWSCO	2022-08-00	EXPC0731: 157	725000	-125	3853	0
CWSCO	2022-07-31	EXPC0731: 157	725000	904.67	3879	0
CWSCO	2022-07-31	EXPC0731: 157	725000	456.38	3861	0
CWSCO	2022-07-31	EXPC0731: 157	725000	20.4	3858	0
CWSCO	2022-07-31	EXPC0731: 157	725000	50.14	3856	0
CWSCO	2022-07-31	EXPC0731: 157	725000	125	3853	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-904.67	4117	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-456.38	4094	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-102.78	4092	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-203.86	4091	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-887.4	4088	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-20.4	4087	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-50.14	4085	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-82.57	4084	0
CWSCO	2022-07-00	EXPC0630: 157	725000	-1653.24	4082	0

CWSCO	2022-07-0	EXPC0630: 157	725000	-170.79	4079	0
CWSCO	2022-07-0	EXPC0630: 157	725000	-256.19	4078	0
CWSCO	2022-07-0	EXPC0630: 157	725000	-125	4075	0
CWSCO	2022-07-0	EXPC0630: 157	725000	-300.46	4074	0
CWSCO	2022-06-2	EXPC0630: 157	725000	904.67	4117	0
CWSCO	2022-06-2	EXPC0630: 157	725000	456.38	4094	0
CWSCO	2022-06-2	EXPC0630: 157	725000	102.78	4092	0
CWSCO	2022-06-2	EXPC0630: 157	725000	203.86	4091	0
CWSCO	2022-06-2	EXPC0630: 157	725000	887.4	4088	0
CWSCO	2022-06-2	EXPC0630: 157	725000	20.4	4087	0
CWSCO	2022-06-2	EXPC0630: 157	725000	50.14	4085	0
CWSCO	2022-06-2	EXPC0630: 157	725000	82.57	4084	0
CWSCO	2022-06-2	EXPC0630: 157	725000	1653.24	4082	0
CWSCO	2022-06-2	EXPC0630: 157	725000	170.79	4079	0
CWSCO	2022-06-2	EXPC0630: 157	725000	256.19	4078	0
CWSCO	2022-06-2	EXPC0630: 157	725000	125	4075	0
CWSCO	2022-06-2	EXPC0630: 157	725000	300.46	4074	0
CWSCO	2022-06-0	EXPC0531: 157	725000	-904.67	4490	0
CWSCO	2022-06-0	EXPC0531: 157	725000	-456.38	4465	0
CWSCO	2022-05-3	EXPC0531: 157	725000	904.67	4490	0
CWSCO	2022-05-3	EXPC0531: 157	725000	456.38	4465	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-904.67	4343	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-33.42	4342	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-37.84	4341	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-126.6	4340	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-281.39	4339	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-337.44	4338	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-546	4337	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-675.86	4336	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-774.12	4335	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-1549.41	4334	0
CWSCO	2022-05-0	EXPC0430: 157	725000	-2453.07	4333	0
CWSCO	2022-04-2	EXPC0430: 157	725000	904.67	4343	0
CWSCO	2022-04-2	EXPC0430: 157	725000	33.42	4342	0
CWSCO	2022-04-2	EXPC0430: 157	725000	37.84	4341	0
CWSCO	2022-04-2	EXPC0430: 157	725000	126.6	4340	0
CWSCO	2022-04-2	EXPC0430: 157	725000	281.39	4339	0
CWSCO	2022-04-2	EXPC0430: 157	725000	337.44	4338	0
CWSCO	2022-04-2	EXPC0430: 157	725000	546	4337	0
CWSCO	2022-04-2	EXPC0430: 157	725000	675.86	4336	0
CWSCO	2022-04-2	EXPC0430: 157	725000	774.12	4335	0
CWSCO	2022-04-2	EXPC0430: 157	725000	1549.41	4334	0
CWSCO	2022-04-2	EXPC0430: 157	725000	2453.07	4333	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-33.42	3724	0

CWSCO	2022-04-0	EXPC0331: 157	725000	-37.84	3723	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-126.6	3722	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-153.83	3721	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-238.45	3720	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-281.39	3719	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-314.29	3718	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-334.16	3717	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-337.44	3716	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-546	3715	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-675.86	3714	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-774.12	3713	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-904.67	3712	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-1549.41	3711	0
CWSCO	2022-04-0	EXPC0331: 157	725000	-2453.07	3710	0
CWSCO	2022-03-3	EXPC0331: 157	725000	33.42	3724	0
CWSCO	2022-03-3	EXPC0331: 157	725000	37.84	3723	0
CWSCO	2022-03-3	EXPC0331: 157	725000	126.6	3722	0
CWSCO	2022-03-3	EXPC0331: 157	725000	153.83	3721	0
CWSCO	2022-03-3	EXPC0331: 157	725000	238.45	3720	0
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CWSCO	2022-03-3	EXPC0331: 157	725000	314.29	3718	0
CWSCO	2022-03-3	EXPC0331: 157	725000	334.16	3717	0
CWSCO	2022-03-3	EXPC0331: 157	725000	337.44	3716	0
CWSCO	2022-03-3	EXPC0331: 157	725000	546	3715	0
CWSCO	2022-03-3	EXPC0331: 157	725000	675.86	3714	0
CWSCO	2022-03-3	EXPC0331: 157	725000	774.12	3713	0
CWSCO	2022-03-3	EXPC0331: 157	725000	904.67	3712	0
CWSCO	2022-03-3	EXPC0331: 157	725000	1549.41	3711	0
CWSCO	2022-03-3	EXPC0331: 157	725000	2453.07	3710	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-126.6	2403	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-33.42	2402	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-546	2401	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-37.84	2400	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-281.39	2399	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-774.12	2398	0
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CWSCO	2022-03-0	EXPC0228: 157	725000	-466.32	2392	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-2453.07	2391	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-904.67	2389	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-337.44	2388	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-675.86	2387	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-334.16	2382	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-153.83	2378	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-1549.41	2377	0

CWSCO	2022-03-0	EXPC0228: 157	725000	-238.45	2372	0
CWSCO	2022-03-0	EXPC0228: 157	725000	-314.29	2369	0
CWSCO	2022-02-2	EXPC0228: 157	725000	126.6	2403	0
CWSCO	2022-02-2	EXPC0228: 157	725000	33.42	2402	0
CWSCO	2022-02-2	EXPC0228: 157	725000	546	2401	0
CWSCO	2022-02-2	EXPC0228: 157	725000	37.84	2400	0
CWSCO	2022-02-2	EXPC0228: 157	725000	281.39	2399	0
CWSCO	2022-02-2	EXPC0228: 157	725000	774.12	2398	0
CWSCO	2022-02-2	EXPC0228: 157	725000	467.57	2395	0
CWSCO	2022-02-2	EXPC0228: 157	725000	466.32	2392	0
CWSCO	2022-02-2	EXPC0228: 157	725000	2453.07	2391	0
CWSCO	2022-02-2	EXPC0228: 157	725000	904.67	2389	0
CWSCO	2022-02-2	EXPC0228: 157	725000	337.44	2388	0
CWSCO	2022-02-2	EXPC0228: 157	725000	675.86	2387	0
CWSCO	2022-02-2	EXPC0228: 157	725000	334.16	2382	0
CWSCO	2022-02-2	EXPC0228: 157	725000	153.83	2378	0
CWSCO	2022-02-2	EXPC0228: 157	725000	1549.41	2377	0
CWSCO	2022-02-2	EXPC0228: 157	725000	238.45	2372	0
CWSCO	2022-02-2	EXPC0228: 157	725000	314.29	2369	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-126.6	2913	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-33.42	2903	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-546	2902	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-37.84	2901	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-281.39	2900	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-774.12	2899	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-467.57	2896	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-466.32	2893	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-2453.07	2892	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-337.44	2890	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-904.67	2889	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-675.86	2887	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-334.16	2881	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-153.83	2878	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-1549.41	2877	0
CWSCO	2022-02-0	EXPC0131: 157	725000	-238.45	2869	0
CWSCO	2022-01-3	EXPC0131: 157	725000	126.6	2913	0
CWSCO	2022-01-3	EXPC0131: 157	725000	33.42	2903	0
CWSCO	2022-01-3	EXPC0131: 157	725000	546	2902	0
CWSCO	2022-01-3	EXPC0131: 157	725000	37.84	2901	0
CWSCO	2022-01-3	EXPC0131: 157	725000	281.39	2900	0
CWSCO	2022-01-3	EXPC0131: 157	725000	774.12	2899	0
CWSCO	2022-01-3	EXPC0131: 157	725000	467.57	2896	0
CWSCO	2022-01-3	EXPC0131: 157	725000	466.32	2893	0
CWSCO	2022-01-3	EXPC0131: 157	725000	2453.07	2892	0



CWSCO	2022-01-3	EXPC0131	157	725000	337.44	2890	0
CWSCO	2022-01-3	EXPC0131	157	725000	904.67	2889	0
CWSCO	2022-01-3	EXPC0131	157	725000	675.86	2887	0
CWSCO	2022-01-3	EXPC0131	157	725000	334.16	2881	0
CWSCO	2022-01-3	EXPC0131	157	725000	153.83	2878	0
CWSCO	2022-01-3	EXPC0131	157	725000	1549.41	2877	0
CWSCO	2022-01-3	EXPC0131	157	725000	238.45	2869	0
CWSCO	2022-12-1	EXP02619	157	725000	-50	507	0
CWSCO	2022-12-1	EXP02619	157	725000	50	505	0
CWSCO	2022-12-1	EXP02619	157	725000	61.55	491	0
CWSCO	2022-12-1	EXP02619	157	725000	44.84	489	0
CWSCO	2022-12-1	EXP02619	157	725000	9.73	479	0
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CWSCO	2022-12-1	EXP02619	157	725000	545.68	473	0
CWSCO	2022-12-1	EXP02619	157	725000	85.64	455	0
CWSCO	2022-12-1	EXP02619	157	725000	870.26	453	0
CWSCO	2022-12-1	EXP02619	157	725000	696.86	451	0
CWSCO	2022-12-0	EXP02613	157	725000	904.67	479	0
CWSCO	2022-12-0	EXP02612	157	725000	113.7	555	0
CWSCO	2022-12-0	EXP02612	157	725000	720	249	0
CWSCO	2022-11-2	EXP02606	157	725000	56.72	279	0
CWSCO	2022-11-2	EXP02606	157	725000	92.47	275	0
CWSCO	2022-11-2	EXP02606	157	725000	30.33	31	0
CWSCO	2022-11-2	EXP02605	157	725000	82.93	33	0
CWSCO	2022-11-0	EXP02599	157	725000	18.34	39	0
CWSCO	2022-11-0	EXP02599	157	725000	53.02	37	0
CWSCO	2022-11-0	EXP02599	157	725000	126.8	35	0
CWSCO	2022-11-0	EXP02599	157	725000	67.74	31	0
CWSCO	2022-11-0	EXP02594	157	725000	44.18	197	0
CWSCO	2022-11-0	EXP02594	157	725000	32.49	193	0
CWSCO	2022-11-0	EXP02594	157	725000	384.61	191	0
CWSCO	2022-10-2	EXP02586	157	725000	89.17	279	0
CWSCO	2022-10-2	EXP02586	157	725000	17.95	277	0
CWSCO	2022-10-2	EXP02586	157	725000	19.35	221	0
CWSCO	2022-10-2	EXP02586	157	725000	21.17	219	0
CWSCO	2022-10-2	EXP02586	157	725000	397.79	217	0
CWSCO	2022-10-2	EXP02586	157	725000	296.78	215	0
CWSCO	2022-10-2	EXP02586	157	725000	125	213	0
CWSCO	2022-10-2	EXP02586	157	725000	20.4	211	0
CWSCO	2022-10-2	EXP02586	157	725000	-7.49	195	0
CWSCO	2022-10-2	EXP02586	157	725000	-7.49	193	0
CWSCO	2022-10-2	EXP02586	157	725000	-12.18	191	0
CWSCO	2022-10-2	EXP02586	157	725000	-13.07	189	0
CWSCO	2022-10-2	EXP02586	157	725000	-13.07	187	0

CWSCO	2022-10-2	EXP02586	157	725000	-12.18	185	0
CWSCO	2022-10-2	EXP02586	157	725000	-21.46	183	0
CWSCO	2022-10-2	EXP02586	157	725000	-13.07	181	0
CWSCO	2022-10-2	EXP02586	157	725000	-13.07	179	0
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CWSCO	2022-10-2	EXP02586	157	725000	-24.2	175	0
CWSCO	2022-10-2	EXP02586	157	725000	-24.2	173	0
CWSCO	2022-10-2	EXP02586	157	725000	-24.2	171	0
CWSCO	2022-10-2	EXP02586	157	725000	277.69	169	0
CWSCO	2022-10-2	EXP02586	157	725000	146.84	167	0
CWSCO	2022-10-2	EXP02586	157	725000	95.36	165	0
CWSCO	2022-10-2	EXP02586	157	725000	79.96	163	0
CWSCO	2022-10-2	EXP02586	157	725000	-20.92	161	0
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CWSCO	2022-10-2	EXP02586	157	725000	-20.92	157	0
CWSCO	2022-10-2	EXP02586	157	725000	62.76	155	0
CWSCO	2022-10-2	EXP02586	157	725000	98.56	121	0
CWSCO	2022-10-0	EXP02573	157	725000	571.46	553	0
CWSCO	2022-10-0	EXP02573	157	725000	2682.28	541	0
CWSCO	2022-09-2	EXP02563	157	725000	4148.4	139	0
CWSCO	2022-09-1	EXP02559	157	725000	355.59	517	0
CWSCO	2022-09-1	EXP02559	157	725000	1436.15	515	0
CWSCO	2022-09-0	EXP02557	157	725000	422.63	359	0
CWSCO	2022-08-2	EXP02547	157	725000	485.27	89	0
CWSCO	2022-08-1	EXP02542	157	725000	222.64	405	0
CWSCO	2022-07-1	EXP02522	157	725000	50.65	285	0
CWSCO	2022-07-1	EXP02522	157	725000	170.79	281	0
CWSCO	2022-07-1	EXP02522	157	725000	82.57	279	0
CWSCO	2022-07-1	EXP02522	157	725000	203.86	275	0
CWSCO	2022-07-1	EXP02522	157	725000	102.78	273	0
CWSCO	2022-07-1	EXP02520	157	725000	251.15	103	0
CWSCO	2022-07-1	EXP02520	157	725000	300.46	101	0
CWSCO	2022-07-1	EXP02518	157	725000	1653.24	81	0
CWSCO	2022-05-2	EXP02484	157	725000	102.96	165	0
CWSCO	2022-05-2	EXP02484	157	725000	223.42	163	0
CWSCO	2022-05-2	EXP02484	157	725000	2.19	161	0
CWSCO	2022-05-2	EXP02484	157	725000	42.47	147	0
CWSCO	2022-05-2	EXP02484	157	725000	84.94	145	0
CWSCO	2022-05-2	EXP02484	157	725000	147.34	143	0
CWSCO	2022-05-2	EXP02484	157	725000	36.79	141	0
CWSCO	2022-05-2	EXP02484	157	725000	203.74	139	0
CWSCO	2022-05-2	EXP02484	157	725000	25.99	137	0
CWSCO	2022-05-1	EXP02479	157	725000	675.86	263	0
CWSCO	2022-05-1	EXP02479	157	725000	337.44	261	0

CWSCO	2022-05-1	EXP02479	157	725000	2453.07	259	0
CWSCO	2022-05-1	EXP02478	157	725000	1549.41	65	0
CWSCO	2022-04-1	EXP02461	157	725000	254.78	307	0
CWSCO	2022-04-1	EXP02461	157	725000	153.83	139	0
CWSCO	2022-04-1	EXP02459	157	725000	238.45	179	0
CWSCO	2022-03-3	EXP02452	157	725000	32.16	19	0
CWSCO	2022-03-3	EXP02452	157	725000	183.08	17	0
CWSCO	2022-03-3	EXP02451	157	725000	466.32	295	0
CWSCO	2022-01-2	EXP02409	157	725000	162.07	253	0
CWSCO	2022-12-1	AP002620	157	725000	6767.26	315	0
CWSCO	2022-09-2	AP002565	157	725000	-6767.26	721	0
CWSCO	2022-08-2	AP002546	157	725000	6767.26	632	0
CWSCO	2022-12-3	AC_AP_3	157	725000	-6767.26	233	0
CWSCO	2022-12-0	AC_AP_3	157	725000	6175	299	0
CWSCO	2022-11-3	AC_AP_3	157	725000	-6175	299	0
CWSCO	2021-06-2	AP002275	105	724000	673.8	530	0
CWSCO	2021-03-0	EXP02213	105	724010	5042.33	341	0
CWSCO	2021-03-0	EXP02213	105	724010	311.87	335	0
CWSCO	2022-06-3	PCARD_CC	105	724010	116.74	11	0
CWSCO	2022-06-3	PCARD_CC	105	724010	1080.57	10	0

Descr	Affiliate	Product	Year	Period	Status	DateTime	User	Ref	Line Descr
POWERPLANT JOURNAL			2021	2	P	2021-03-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2021	2	P	2021-03-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2021	2	P	2021-03-11	POWERPLNT		PPLANT EN
POWERPLANT JOURN/ SUPERV			2021	2	P	2021-03-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2021	2	P	2021-03-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	8	P	2022-09-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	8	P	2022-09-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	8	P	2022-09-11	POWERPLNT		PPLANT EN
POWERPLANT JOURNAL			2022	8	P	2022-09-11	POWERPLNT		PPLANT EN
AP Vouchers			2020	10	P	2020-10-01	OPERATOR	01475663	PETERSON
XPO Month-End Accruals			2019	12	P	2020-01-01	OPERATOR	X00012877	X00012877
XPO Month-End Accruals			2019	12	P	2020-01-01	OPERATOR	X00010876	X00010876
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00012389	X00012389
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00012345	X00012345
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00012330	X00012330
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00012330	X00012330
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00012107	X00012107
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00010949	X00010949
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00010899	X00010899
XPO Month-End Accruals			2019	12	P	2019-12-01	TDING	X00010876	X00010876
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00012389	X00012389
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00012345	X00012345
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00012330	X00012330
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00012330	X00012330
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00012107	X00012107
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00010949	X00010949
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00010899	X00010899
XPO Month-End Accruals			2019	11	P	2019-12-01	OPERATOR	X00010876	X00010876
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00012389	X00012389
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00012345	X00012345
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00012330	X00012330
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00012330	X00012330
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00012107	X00012107
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00010949	X00010949
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00010899	X00010899
XPO Month-End Accruals			2019	11	P	2019-11-01	TDING	X00010876	X00010876
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00012389	X00012389
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00012345	X00012345
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00012330	X00012330
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00012330	X00012330
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00012107	X00012107
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00010949	X00010949
XPO Month-End Accruals			2019	10	P	2019-11-01	OPERATOR	X00010899	X00010899



XPO Month-End Accruals	2019	6 P	2019-07-0: OPERATOR X0001087€X0001087€
XPO Month-End Accruals	2019	6 P	2019-06-0: TDING X00011907X00011907
XPO Month-End Accruals	2019	6 P	2019-06-0: TDING X00011871X00011871
XPO Month-End Accruals	2019	6 P	2019-06-0: TDING X0001180€X0001180€
XPO Month-End Accruals	2019	6 P	2019-06-0: TDING X0001177€X0001177€
XPO Month-End Accruals	2019	6 P	2019-06-0: TDING X0001094€X0001094€
XPO Month-End Accruals	2019	5 P	2019-06-0: OPERATOR X00011907X00011907
XPO Month-End Accruals	2019	5 P	2019-06-0: OPERATOR X00011871X00011871
XPO Month-End Accruals	2019	5 P	2019-06-0: OPERATOR X0001180€X0001180€
XPO Month-End Accruals	2019	5 P	2019-06-0: OPERATOR X0001177€X0001177€
XPO Month-End Accruals	2019	5 P	2019-06-0: OPERATOR X0001094€X0001094€
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING X00011907X00011907
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING X00011871X00011871
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING X0001180€X0001180€
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING X0001177€X0001177€
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING X0001094€X0001094€
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR X00011907X00011907
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR X00011871X00011871
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR X0001180€X0001180€
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR X0001177€X0001177€
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR X0001094€X0001094€
XPO Month-End Accruals	2019	3 P	2019-03-0: TDING X0001177€X0001177€
XPO Month-End Accruals	2019	3 P	2019-03-0: TDING X0001094€X0001094€
XPO Month-End Accruals	2019	2 P	2019-03-0: OPERATOR X0001177€X0001177€
XPO Month-End Accruals	2019	2 P	2019-03-0: OPERATOR X0001094€X0001094€
XPO Month-End Accruals	2019	2 P	2019-02-0: TDING X0001094€X0001094€
XPO Month-End Accruals	2019	1 P	2019-02-0: OPERATOR X0001094€X0001094€
XPO Month-End Accruals	2019	1 P	2019-01-0: TDING X0001094€X0001094€
ADJ for HSG SAFETY SUT not cha	2019	5 P	2019-06-1: DADAVIS 01296243
REVERSE: SG SAFETY SUT not cha	2019	5 P	2019-06-1: DADAVIS 01296243
ADJ for HSG SAFETY SUT not cha	2019	5 P	2019-05-2: DADAVIS 01296243
Accrue Unmatched PC M_MCA	2019	11 P	2019-11-0: OPERATOR 00003533€ Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-11-0: OPERATOR 00003489€ Accrue Unr
Accrue Unmatched PC M_MCA	2019	10 P	2019-11-0: OPERATOR 00003533€ Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-11-0: OPERATOR 00003489€ Accrue Unr
Accrue Unmatched PC M_MCA	2019	10 P	2019-10-0: OPERATOR 00003533€ Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-10-0: OPERATOR 00003489€ Accrue Unr
Accrue Unmatched PC M_MCA	2019	9 P	2019-10-0: OPERATOR 00003533€ Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-10-0: OPERATOR 00003489€ Accrue Unr
Accrue Unmatched PC M_MCA	2019	9 P	2019-09-0: OPERATOR 00003533€ Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR 00003489€ Accrue Unr
Accrue Unmatched PC M_MCA	2019	8 P	2019-09-0: OPERATOR 00003533€ Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR 00003489€ Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0: OPERATOR 00003624€ Accrue Unr



Accrue Unmatched PO Receipts	2019	4 P	2019-04-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	4 P	2019-04-0: OPERATOR 000033042	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-04-0: OPERATOR 000034895	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	3 P	2019-04-0: OPERATOR 000034857	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	3 P	2019-04-0: OPERATOR 000034857	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-04-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-04-0: OPERATOR 000033042	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-03-0: OPERATOR 000034895	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	3 P	2019-03-0: OPERATOR 000034857	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	3 P	2019-03-0: OPERATOR 000034857	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-03-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-03-0: OPERATOR 000033042	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 000034895	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	2 P	2019-03-0: OPERATOR 000034857	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	2 P	2019-03-0: OPERATOR 000034857	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 000033042	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-02-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-02-0: OPERATOR 000033042	Accrue Unr
Accrue Unmatched PO Receipts	2019	1 P	2019-02-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	1 P	2019-02-0: OPERATOR 000033042	Accrue Unr
Accrue Unmatched PO Receipts	2019	1 P	2019-01-0: OPERATOR 000033076	Accrue Unr
Accrue Unmatched PO Receipts	2019	1 P	2019-01-0: OPERATOR 000033042	Accrue Unr
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- LOPEZ,IVAI US RUBBEI	
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- GUMBLETC US RUBBEI	
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- DRAKE,AH/ GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU GRANILLO, IN *C & S V	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU LOPEZ,IVAI GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU LOPEZ,IVAI GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU LOPEZ,IVAI GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU LOPEZ,IVAI US RUBBEI	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU LOPEZ,IVAI GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU LOPEZ,IVAI GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU TOLMASOF GRAINGER	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU TOLMASOF 7003 ROYA	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU FONSECA,. HACH COM	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU FONSECA,. HACH COM	
Monthly pcard accrual	2019	1 P	2019-01-0: JHU FONSECA,. HACH COM	
Monthly pcard accrual	2019	10 P	2019-10-0: JHU LOPEZ,IVAI US RUBBEI	
Monthly pcard accrual	2019	9 P	2019-10-0: LBURBACH- LOPEZ,IVAI US RUBBEI	
Monthly pcard accrual	2019	9 P	2019-09-1: JHU LOPEZ,IVAI US RUBBEI	
Monthly pcard accrual	2019	9 P	2019-09-1: JHU LOPEZ,IVAI ENVIRO-TE	
Monthly pcard accrual	2019	9 P	2019-09-1: JHU SANCHEZ,I MOSS RUB	



Monthly pcard accrual	2019	9 P	2019-09-1: JHU	HARPER,EL CALPICO II
Monthly pcard accrual	2019	8 P	2019-09-1: LBURBACH	LOPEZ,IVAI US RUBBEI
Monthly pcard accrual	2019	8 P	2019-09-1: LBURBACH	LOPEZ,IVAI ENVIRO-TE
Monthly pcard accrual	2019	8 P	2019-09-1: LBURBACH	SANCHEZ,I MOSS RUB
Monthly pcard accrual	2019	8 P	2019-09-1: LBURBACH	HARPER,EL CALPICO II
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	LOPEZ,IVAI UPS*2996
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	LOPEZ,IVAI UPS*1ZT2J
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	HARPER,EL CALPICO II
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	TOLMASOF CALPICO II
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	LOPEZ,IVAI GRAINGER
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	LOPEZ,IVAI HD SUPPL\
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	8 P	2019-08-1: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	LOPEZ,IVAI UPS*2996
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	LOPEZ,IVAI UPS*1ZT2J
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	HARPER,EL CALPICO II
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	TOLMASOF CALPICO II
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	LOPEZ,IVAI GRAINGER
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	LOPEZ,IVAI HD SUPPL\
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	7 P	2019-07-0: JHU	LOPEZ,IVAI FASTENAL
Monthly pcard accrual	2019	7 P	2019-07-0: JHU	LOPEZ,IVAI GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	7 P	2019-07-0: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	7 P	2019-07-0: JHU	HARPER,EL CALPICO II
Monthly pcard accrual	2019	7 P	2019-07-0: JHU	TOLMASOF CALPICO II
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH	LOPEZ,IVAI FASTENAL
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH	LOPEZ,IVAI GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH	HARPER,EL CALPICO II
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH	TOLMASOF CALPICO II
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF HUNT AND
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU	TOLMASOF CALPICO II



Monthly pcard accrual	2019	5 P	2019-05-1: JHU	LOPEZ, IVAI GRAINGER
Monthly pcard accrual	2019	5 P	2019-05-1: JHU	HARPER, EL CALPICO II
Monthly pcard accrual	2019	5 P	2019-05-1: JHU	FONSECA, HACH COM
Monthly pcard accrual	2019	5 P	2019-05-1: JHU	FONSECA, HACH COM
Monthly pcard accrual	2019	5 P	2019-05-1: JHU	FONSECA, HACH COM
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	WARNECKI EWING IRR
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF CALPICO II
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF HUNT AND
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	LOPEZ, IVAI GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	LOPEZ, IVAI TRANSWAY
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	LOPEZ, IVAI GRAINGER
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	HARPER, EL CALPICO II
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	FONSECA, HACH COM
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	FONSECA, HACH COM
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH	FONSECA, HACH COM
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	DOUGLAS, PENINSUL
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	WILLIAMS, I FLOWSCO
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	ACKER, MIC GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	ACKER, MIC GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	HARPER, EL CALPICO II
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	FONSECA, HACH COM
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	LOPEZ, IVAI GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	DOUGLAS, SQ *GLOB
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU	TOLMASOF GRAINGER

Monthly pcard accrual	2019	4 P	2019-04-0	JHU	ACKER,MIC US RUBBEI
Monthly pcard accrual	2019	4 P	2019-04-0	JHU	LOPEZ,IVAI SQ *GLOB,
Monthly pcard accrual	2019	4 P	2019-04-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	DOUGLAS, PENINSUL
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	WILLIAMS,  FLOWSCO
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	ACKER,MIC GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	ACKER,MIC GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	HARPER,EL CALPICO II
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	FONSECA,. HACH COM
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF US RUBBEI
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	LOPEZ,IVAI GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	DOUGLAS, SQ *GLOB,
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	ACKER,MIC US RUBBEI
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	LOPEZ,IVAI SQ *GLOB,
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	ACKER,MIC GRAINGER
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	ACKER,MIC GRAINGER
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	HARPER,EL CALPICO II
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	FONSECA,. HACH COM
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	FONSECA,. HACH COM
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	GRANILLO, IN *C & S V
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	LOPEZ,IVAI SQ *GLOB,
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	TOLMASOF GRAINGER
Monthly pcard accrual	2019	2 P	2019-03-0	LBURBACH	ACKER,MIC GRAINGER
Monthly pcard accrual	2019	2 P	2019-03-0	LBURBACH	ACKER,MIC GRAINGER
Monthly pcard accrual	2019	2 P	2019-03-0	LBURBACH	HARPER,EL CALPICO II
Monthly pcard accrual	2019	2 P	2019-03-0	LBURBACH	FONSECA,. HACH COM

Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- FONSECA,. HACH COM
Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- GRANILLO, IN *C & S V
Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- LOPEZ,IVAI SQ *GLOB,
Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-03-01:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU HARPER,EL CALPICO II
Monthly pcard accrual		2019	2 P	2019-02-11:JHU FONSECA,. HACH COM
Monthly pcard accrual		2019	2 P	2019-02-11:JHU FONSECA,. HACH COM
Monthly pcard accrual		2019	2 P	2019-02-11:JHU LOPEZ,IVAI MCMASTE
Monthly pcard accrual		2019	2 P	2019-02-11:JHU LOPEZ,IVAI GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU O'MEARA,S GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU DOUGLAS, UNITED SIT
Monthly pcard accrual		2019	2 P	2019-02-11:JHU LOPEZ,IVAI HDSUPPLY
Monthly pcard accrual		2019	2 P	2019-02-11:JHU LOPEZ,IVAI PIPELINEPI
Monthly pcard accrual		2019	2 P	2019-02-11:JHU TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU TOLMASOF GRAINGER
Monthly pcard accrual		2019	2 P	2019-02-11:JHU LOPEZ,IVAI US RUBBEI
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- HARPER,EL CALPICO II
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- FONSECA,. HACH COM
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- FONSECA,. HACH COM
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- LOPEZ,IVAI MCMASTE
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- LOPEZ,IVAI GRAINGER
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- O'MEARA,S GRAINGER
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- DOUGLAS, UNITED SIT
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- LOPEZ,IVAI HDSUPPLY
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- LOPEZ,IVAI PIPELINEPI
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- TOLMASOF GRAINGER
Monthly pcard accrual		2019	1 P	2019-02-11:LBURBACH- LOPEZ,IVAI US RUBBEI
Expense Journal		2019	11 P	2019-11-21: OPERATOR 000013560001952
Expense Journal	CEMA19	2019	11 P	2019-11-11: OPERATOR 000013460002236
Expense Journal		2019	10 P	2019-11-01:LBURBACH- 00001340000160
Expense Journal		2019	10 P	2019-10-21: OPERATOR 00001334000160
Expense Journal		2019	9 P	2019-09-21: OPERATOR 000013040002564
Expense Journal		2019	9 P	2019-09-11: OPERATOR 000013140000512
Expense Journal		2019	8 P	2019-08-01: OPERATOR 000013000000894
Expense Journal		2019	8 P	2019-08-01: OPERATOR 000013000000894
Expense Journal		2019	8 P	2019-08-01: OPERATOR 000013000000894



Expense Journal	2019	4 P	2019-04-01	OPERATOR 000012418000894
Expense Journal	2019	4 P	2019-04-01	OPERATOR 000012418000894
Expense Journal	2019	4 P	2019-04-01	OPERATOR 000012402000661
Expense Journal	2019	4 P	2019-04-01	OPERATOR 000012402000661
Expense Journal	2019	4 P	2019-04-01	OPERATOR 000012402000661
Expense Journal	2019	4 P	2019-04-01	OPERATOR 000012321000661
Expense Journal	2019	3 P	2019-03-21	OPERATOR 000012359000160
Expense Journal	2019	3 P	2019-03-11	OPERATOR 000012310000160
Expense Journal	2019	3 P	2019-03-11	OPERATOR 000012286000160
Expense Journal	2019	3 P	2019-03-01	OPERATOR 000012251000661
Expense Journal	2019	3 P	2019-03-01	OPERATOR 000012239000160
Expense Journal	2019	3 P	2019-03-01	OPERATOR 000011530000160
Expense Journal	2019	2 P	2019-02-21	OPERATOR 000012208002399
Expense Journal	2019	2 P	2019-02-21	OPERATOR 000012163002019
Expense Journal	2019	2 P	2019-02-21	OPERATOR 000012162002019
Expense Journal	2019	2 P	2019-02-11	OPERATOR 000012142000160
Expense Journal	2019	2 P	2019-02-01	OPERATOR 000012130002019
Expense Journal	2019	2 P	2019-02-01	OPERATOR 000012110000661
Expense Journal	2019	1 P	2019-01-21	OPERATOR 000012036001952
Expense Journal	2019	1 P	2019-01-21	OPERATOR 000012036001952
Expense Journal	2019	1 P	2019-01-21	OPERATOR 000012033000894
Expense Journal	2019	1 P	2019-01-21	OPERATOR 000012033000894
Expense Journal	2019	1 P	2019-01-11	OPERATOR 000012033000894
Expense Journal	2019	1 P	2019-01-11	OPERATOR 000012033000894
Expense Journal	2019	1 P	2019-01-11	OPERATOR 000012002001952
Expense Journal	2019	1 P	2019-01-01	OPERATOR 000011968002019
Expense Journal	2019	1 P	2019-01-01	OPERATOR 000011920000160
Expense Journal	2019	1 P	2019-01-01	OPERATOR 000011920000160
AP MONTH END ACCRUAL - AP UN	2019	12 P	2019-12-01	JHU 01423552 WESTBORO
AP MONTH END ACCRUAL - AP UN	2019	12 P	2019-12-01	JHU 01402753 WEST VALL
AP MONTH END ACCRUAL - AP UN	2019	11 P	2019-12-01	DADAVIS 01423552 WESTBORO
AP MONTH END ACCRUAL - AP UN	2019	11 P	2019-12-01	DADAVIS 01402753 WEST VALL
AP MONTH END ACCRUAL - AP UN	2019	11 P	2019-11-01	JHU 01402753 WEST VALL
AP MONTH END ACCRUAL - AP UN	2019	10 P	2019-11-01	DADAVIS 01402753 WEST VALL
AP MONTH END ACCRUAL - AP UN	2019	10 P	2019-10-01	DHEALEY 01402753 WEST VALL
AP MONTH END ACCRUAL - AP UN	2019	9 P	2019-10-01	DADAVIS 01402753 WEST VALL
AP MONTH END ACCRUAL - AP UN	2019	8 P	2019-08-01	JHU 01399132 WESTBORO
AP MONTH END ACCRUAL - AP UN	2019	7 P	2019-08-01	DADAVIS 01399132 WESTBORO
AP MONTH END ACCRUAL	2019	5 P	2019-05-01	DADAVIS 01384568 TEAR OFF C
AP MONTH END ACCRUAL	2019	4 P	2019-05-01	DADAVIS 01384568 TEAR OFF C
AP MONTH END ACCRUAL	2019	4 P	2019-04-01	DADAVIS 01379994 WATER US/
AP MONTH END ACCRUAL	2019	3 P	2019-04-01	DADAVIS 01379994 WATER US/
AP Vouchers	2019	12 P	2019-12-31	OPERATOR 01423552 WATER US/
AP Vouchers	2019	12 P	2019-12-31	OPERATOR 01430831 432470209

AP Vouchers	2019	12 P	2019-12-31 OPERATOR01430754 155173164
AP Vouchers	2019	12 P	2019-12-31 OPERATOR01426818 10/24/19-5
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01416990 725000 - M
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01413951 725000 - M
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01409124 725000 - M
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01409116 725000 - M
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01425237 725000 - M
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01429596 959421463
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01429595 959421449
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01429450 036886489
AP Vouchers	2019	12 P	2019-12-2 OPERATOR01429449 036886476
AP Vouchers	2019	12 P	2019-12-1 OPERATOR01428099 140906041
AP Vouchers	2019	12 P	2019-12-1 OPERATOR01428098 140571272
AP Vouchers	2019	12 P	2019-12-0 OPERATOR01413705 725000 - M
AP Vouchers	2019	12 P	2019-12-0 OPERATOR01402753 725000 - M
AP Vouchers	2019	12 P	2019-12-0 OPERATOR01425641 432470209
AP Vouchers	2019	12 P	2019-12-0 OPERATOR01425541 155173164
AP Vouchers	2019	11 P	2019-11-2 OPERATOR01423617 036886489
AP Vouchers	2019	11 P	2019-11-2 OPERATOR01423616 036886476
AP Manual Closures	2019	11 P	2019-11-1 OPERATOR01359633 OVERPAID
AP Manual Closures	2019	11 P	2019-11-1 OPERATOR01359633 OVERPAID
AP Vouchers	2019	11 P	2019-11-1 OPERATOR01422920 959421463
AP Vouchers	2019	11 P	2019-11-1 OPERATOR01422919 959421449
AP Vouchers	2019	11 P	2019-11-1 OPERATOR01422792 140906041
AP Vouchers	2019	11 P	2019-11-1 OPERATOR01422791 140571272
AP Vouchers	2019	11 P	2019-11-1 OPERATOR01422700 Wireline
AP Vouchers	2019	11 P	2019-11-1 OPERATOR01422700 Wireline
AP Vouchers	2019	11 P	2019-12-0 OPERATOR01421145 TREE TRIMI
AP Vouchers	2019	10 P	2019-10-3 OPERATOR01420304 432470209
AP Vouchers	2019	10 P	2019-10-3 OPERATOR01420232 155173164
AP Vouchers	2019	10 P	2019-10-1 OPERATOR01417703 959421463
AP Vouchers	2019	10 P	2019-10-1 OPERATOR01417702 959421449
AP Vouchers	2019	10 P	2019-10-1 OPERATOR01417598 140906041
AP Vouchers	2019	10 P	2019-10-1 OPERATOR01417597 140571272
AP Vouchers	2019	10 P	2019-10-1 OPERATOR01417585 036886489
AP Vouchers	2019	10 P	2019-10-1 OPERATOR01417584 036886476
AP Vouchers	2019	10 P	2019-10-0 OPERATOR01415474 WATER US/
AP Vouchers	2019	10 P	2019-11-0 OPERATOR01414742 432470209
AP Vouchers	2019	10 P	2019-11-0 OPERATOR01414657 155173164
AP Vouchers	2019	9 P	2019-09-1 OPERATOR01412039 036886489
AP Vouchers	2019	9 P	2019-09-1 OPERATOR01412038 036886476
AP Vouchers	2019	9 P	2019-09-1 OPERATOR01411947 959421463
AP Vouchers	2019	9 P	2019-09-1 OPERATOR01411946 959421449
AP Vouchers	2019	9 P	2019-09-1 OPERATOR01411797 140906041



AP Vouchers	2019	9 P	2019-09-1: OPERATOR01411796	140571272
AP Vouchers	2019	9 P	2019-09-0: OPERATOR01409481	TREE TRIMI
AP Vouchers	2019	8 P	2019-08-2: OPERATOR01407664	432470209
AP Vouchers	2019	8 P	2019-08-2: OPERATOR01407577	155173164
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405753	959421463
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405752	959421449
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405625	193926310
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405614	140109009
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405596	036886489
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405595	036886476
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01401519	TREE TRIMI
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01404158	TREE TRIMI
AP Vouchers	2019	8 P	2019-08-0: OPERATOR01402122	TREE TRIMI
AP Vouchers	2019	8 P	2019-08-0: OPERATOR01399132	WATER US
AP Vouchers	2019	7 P	2019-07-3: OPERATOR01400994	432470209
AP Vouchers	2019	7 P	2019-07-3: OPERATOR01400904	155173164
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398572	TREE TRIMI
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398571	TREE TRIMI
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398479	959421463
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398478	959421449
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398338	193926310
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398327	140109009
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398308	036886489
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01398307	036886476
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397650	725000 - M
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394722	432470209
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394654	155173164
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394133	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394132	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394131	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394130	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394129	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394128	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394127	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-2: OPERATOR01394124	TREE TRIMI
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01393467	959421463
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01393466	959421449
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01393345	193926310
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01393338	140109009
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01393315	036886489
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01393314	036886476
AP Vouchers	2019	6 P	2019-06-1: OPERATOR01392746	WATER US
AP Vouchers	2019	6 P	2019-06-0: OPERATOR01391072	725000 - M
AP Vouchers	2019	5 P	2019-05-3: OPERATOR01390022	432470209

AP Vouchers		2019	5 P	2019-05-3: OPERATOR01389939	155173164
AP Vouchers		2019	5 P	2019-05-2: OPERATOR01389150	RCL V#013
AP Vouchers		2019	5 P	2019-05-2: OPERATOR01389149	RCL V#013
AP Vouchers		2019	5 P	2019-05-2: OPERATOR01389147	RCL V#013
AP Vouchers		2019	5 P	2019-05-2: OPERATOR01389146	RCL V#013
AP Vouchers	BLKMCA	2019	5 P	2019-05-2: OPERATOR01388404	RCL V#013
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01388108	959421463
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01388107	959421449
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01388000	193926310
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01387990	140109009
Non-MCBA Power(PGE & SCE Invo		2019	1 P	2019-01-1: TSCANLON	Miscellane
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01387975	036886489
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01387974	036886476
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01387698	Pest away :
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01387689	Pest away :
Non-MCBA Power(PGE & SCE Invo		2019	1 P	2019-01-1: TSCANLON	Miscellane
AP Vouchers		2019	5 P	2019-05-1: OPERATOR01387563	Pest away :
AP Vouchers		2019	5 P	2019-05-0: OPERATOR01384568	TEAR OFF C
AP Vouchers		2019	5 P	2019-05-0: OPERATOR01385509	432470209
AP Vouchers		2019	5 P	2019-05-0: OPERATOR01385435	155173164
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383352	959421463
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383351	959421449
Non-MCBA Power(PGE & SCE Invo		2019	1 P	2019-02-1: GCHIPER	Miscellane
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383240	193926310
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383234	140109009
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383219	036886489
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383218	036886476
Non-MCBA Power(PGE & SCE Invo		2019	1 P	2019-02-1: GCHIPER	Miscellane
AP Vouchers		2019	4 P	2019-04-0: OPERATOR01381221	MPS Statio
AP Vouchers		2019	4 P	2019-04-0: OPERATOR01381220	MPS Statio
AP Vouchers		2019	4 P	2019-04-0: OPERATOR01381219	MPS Statio
AP Vouchers		2019	4 P	2019-04-0: OPERATOR01381218	MPS Statio
AP Vouchers		2019	4 P	2019-04-0: OPERATOR01379994	WATER US,
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01379730	432470209
Non-MCBA Power(PGE & SCE Invo		2019	2 P	2019-02-1: TSCANLON	Miscellane
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01379650	155173164
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378747	959421463
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378746	959421449
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378621	193926310
Non-MCBA Power(PGE & SCE Invo		2019	2 P	2019-02-1: TSCANLON	Miscellane
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378615	140109009
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378593	036886489
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378592	036886476
AP Vouchers		2019	3 P	2019-03-0: OPERATOR01376960	RCL V#013

AP Vouchers		2019	3 P	2019-03-0	OPERATOR01376881	725000 - M
AP Vouchers		2019	2 P	2019-02-2	OPERATOR01375204	43247020
Non-MCBA Power(PGE & SCE Invo		2019	2 P	2019-03-1	GCHIPER	Miscellane
AP Vouchers		2019	2 P	2019-02-2	OPERATOR01375117	15517316
AP Vouchers		2019	2 P	2019-02-1	OPERATOR01373395	725000 - M
AP Vouchers		2019	2 P	2019-03-1	OPERATOR01373155	19392631
AP Vouchers		2019	2 P	2019-03-1	OPERATOR01373145	14010900
Non-MCBA Power(PGE & SCE Invo		2019	2 P	2019-03-1	GCHIPER	Miscellane
AP Vouchers		2019	2 P	2019-03-1	OPERATOR01373125	03688648
AP Vouchers		2019	2 P	2019-03-1	OPERATOR01373124	03688647
AP Vouchers	BLKMCA	2019	2 P	2019-02-0	OPERATOR01371649	725000 - M
AP Vouchers		2019	1 P	2019-01-3	OPERATOR01370742	43247020
AP Vouchers		2019	1 P	2019-01-3	OPERATOR01370657	15517316
AP Vouchers		2019	1 P	2019-01-2	OPERATOR01369926	WATER US
Non-MCBA Power(PGE & SCE Invo		2019	3 P	2019-03-1	TSCANLON	Miscellane
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01369147	95942146
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01369146	95942144
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01368985	19392631
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01368974	14010900
Non-MCBA Power(PGE & SCE Invo		2019	3 P	2019-03-1	TSCANLON	Miscellane
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01368950	03688648
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01368949	03688647
AP Vouchers		2019	1 P	2019-01-1	OPERATOR01368327	725000 - M
WF (IMAGENOW) ACCRUAL-JUN.2		2019	7 P	2019-07-0	JHU	ADVANCE
WF (IMAGENOW) ACCRUAL-JUN.2		2019	6 P	2019-07-0	DADAVIS	ADVANCE
IMAGENOW (WF) ACCRUAL - MAY		2019	6 P	2019-06-1	JHU	WESTBOR
Non-MCBA Power(PGE & SCE Invo		2019	3 P	2019-04-0	GCHIPER	Miscellane
IMAGENOW (WF) ACCRUAL - MAY		2019	5 P	2019-06-1	DADAVIS	WESTBOR
IMAGENOW (WF) ACCRUAL - DEC		2019	1 P	2019-01-1	JHU	WESTBOR
AC_EST - DEC.2019		2019	12 P	2020-01-0	DADAVIS	JUL'19-DE
AC_EST - NOV.2019		2019	12 P	2019-12-0	JHU	JUN'19-OC
Non-MCBA Power(PGE & SCE Invo		2019	3 P	2019-04-0	GCHIPER	Miscellane
AC_EST - NOV.2019		2019	11 P	2019-12-0	DADAVIS	JUN'19-OC
AC_EST - OCT.2019		2019	11 P	2019-11-0	JHU	MAY'19-SE
AC_EST - OCT.2019		2019	10 P	2019-11-0	DADAVIS	MAY'19-SE
AC_EST - Sep.2019		2019	10 P	2019-10-0	JHU	MAR'19-JU
AC_EST - Sep.2019		2019	9 P	2019-10-0	DADAVIS	MAR'19-JU
AC_EST - AUG.2019		2019	9 P	2019-09-0	JHU	MAR19-JUL
Non-MCBA Power(PGE & SCE Invo		2019	4 P	2019-04-0	TSCANLON	Miscellane
AC_EST - AUG.2019		2019	8 P	2019-09-0	DADAVIS	MAR19-JUL
AC_EST - JUL.2019		2019	8 P	2019-08-0	JHU	FEB19-JUN
AC_EST - JUL.2019		2019	8 P	2019-08-0	JHU	FEB19-JUN
AC_EST - JUL.2019		2019	7 P	2019-08-0	DADAVIS	FEB19-JUN
Non-MCBA Power(PGE & SCE Invo		2019	4 P	2019-04-0	TSCANLON	Miscellane

AC_EST - JUL.2019	2019	7 P	2019-08-01	DADAVIS	FEB19-JUN
AC_EST - JUN.2019	2019	7 P	2019-07-01	JHU	JAN'19-MA
AC_EST - JUN.2019	2019	7 P	2019-07-01	JHU	JAN'19-MA
AC_EST - JUN.2019	2019	6 P	2019-07-01	DADAVIS	JAN'19-MA
AC_EST - JUN.2019	2019	6 P	2019-07-01	DADAVIS	JAN'19-MA
Non-MCBA Power(PGE & SCE Invo	2019	4 P	2019-05-11	GCHIPER	Miscellane
AC_EST-MAY.2019	2019	6 P	2019-06-01	JHU	DEC'18-AP
AC_EST-MAY.2019	2019	6 P	2019-06-01	JHU	DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-01	DADAVIS	DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-01	DADAVIS	DEC'18-AP
Non-MCBA Power(PGE & SCE Invo	2019	4 P	2019-05-11	GCHIPER	Miscellane
AC_EST - APR.2019	2019	5 P	2019-05-01	JHU	NOV'18-M/
AC_EST - APR.2019	2019	5 P	2019-05-01	JHU	NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-01	DADAVIS	NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-01	DADAVIS	NOV'18-M/
AC_EST - MAR.2019	2019	4 P	2019-04-01	JHU	OCT'18-FE
AC_EST - MAR.2019	2019	4 P	2019-04-01	JHU	OCT'18-FE
Non-MCBA Power(PGE & SCE Invo	2019	5 P	2019-05-11	TSCANLON	Miscellane
AC_EST - MAR.2019	2019	3 P	2019-04-01	DADAVIS	OCT'18-FE
AC_EST - MAR.2019	2019	3 P	2019-04-01	DADAVIS	OCT'18-FE
AC_EST - FEB.2019	2019	3 P	2019-03-01	JHU	Sep'18-Jan
AC_EST - FEB.2019	2019	2 P	2019-03-01	DADAVIS	Sep'18-Jan
Non-MCBA Power(PGE & SCE Invo	2019	5 P	2019-05-11	TSCANLON	Miscellane
AC_EST - JAN.2019	2019	2 P	2019-02-01	JHU	AUG.18-DE
AC_EST - JAN.2019	2019	1 P	2019-02-01	DADAVIS	AUG.18-DE
AC_EST - DEC.2018	2019	1 P	2019-01-01	JHU	JUL'18-NO
Reclass between accounts	2019	7 P	2019-07-11	TSCANLON	ADVANCEE
Reclass between accounts	2019	6 P	2019-07-11	SZHU	ADVANCEE
Reclass between accounts	2019	5 P	2019-05-01	JHU	ADVANCEE
Non-MCBA Power(PGE & SCE Invo	2019	5 P	2019-06-11	GCHIPER	Miscellane
Reclass between accounts	2019	5 P	2019-05-01	JHU	ADVANCEE
Reclass between accounts	2019	5 P	2019-05-01	JHU	ADVANCEE
Reclass between accounts	2019	5 P	2019-05-01	JHU	ADVANCEE
Reclass between accounts	2019	4 P	2019-05-01	SZHU	ADVANCEE
Non-MCBA Power(PGE & SCE Invo	2019	5 P	2019-06-11	GCHIPER	Miscellane
Reclass between accounts	2019	4 P	2019-05-01	SZHU	ADVANCEE
Reclass between accounts	2019	4 P	2019-05-01	SZHU	ADVANCEE
Reclass between accounts	2019	4 P	2019-05-01	SZHU	ADVANCEE
Reclass between accounts	2019	4 P	2019-04-11	TSCANLON	ADVANCEE
Reclass between accounts	2019	4 P	2019-04-11	TSCANLON	ADVANCEE
Reclass between accounts	2019	4 P	2019-04-11	TSCANLON	ADVANCEE
Non-MCBA Power(PGE & SCE Invo	2019	6 P	2019-06-11	JHU	Miscellane
Reclass between accounts	2019	4 P	2019-04-11	TSCANLON	ADVANCEE
Reclass between accounts	2019	3 P	2019-04-11	SZHU	ADVANCEE

Reclass between accounts	2019	3 P	2019-04-1(SZHU	ADVANCEE
Reclass between accounts	2019	3 P	2019-04-1(SZHU	ADVANCEE
Non-MCBA Power(PGE & SCE Invo	2019	6 P	2019-06-1(JHU	Miscellane
Reclass between accounts	2019	3 P	2019-04-1(SZHU	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	12 P	2019-12-1(JHU	01426818 COMMERC
SUBSEQUENT VOUCHER ACCRU#	2019	11 P	2019-12-1(DADAVIS	01426818 COMMERC
SUBSEQUENT VOUCHER ACCRU#	2019	10 P	2019-10-0(JHU	WESTBORC
SUBSEQUENT VOUCHER ACCRU#	2019	9 P	2019-10-0(DADAVIS	WESTBORC
Subsequent Voucher Accrual - J	2019	8 P	2019-08-1(JHU	PENINSUL
Non-MCBA Power(PGE & SCE Invo	2019	6 P	2019-07-1(GCHIPER	Miscellane
Subsequent Voucher Accrual - J	2019	7 P	2019-08-1:DADAVIS	PENINSUL
SUBSEQUENT VOUCHER ACCRU#	2019	4 P	2019-04-0(JHU	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	4 P	2019-04-0(JHU	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	4 P	2019-04-0(JHU	ADVANCEE
Non-MCBA Power(PGE & SCE Invo	2019	6 P	2019-07-1(GCHIPER	Miscellane
SUBSEQUENT VOUCHER ACCRU#	2019	4 P	2019-04-0(JHU	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	3 P	2019-04-0(DADAVIS	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	3 P	2019-04-0(DADAVIS	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	3 P	2019-04-0(DADAVIS	ADVANCEE
SUBSEQUENT VOUCHER ACCRU#	2019	3 P	2019-04-0(DADAVIS	ADVANCEE
SUBSEQUENT VOUCH BLKMCA	2019	2 P	2019-02-1(JHU	WEST VALL
Non-MCBA Power(PGE & SCE Invo	2019	7 P	2019-07-1(TSCANLON	Miscellane
SUBSEQUENT VOUCH BLKMCA	2019	1 P	2019-02-1:DADAVIS	WEST VALL
Non-MCBA Power(PGE & SCE Invo	2019	12 P	2020-01-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	12 P	2020-01-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	12 P	2019-12-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	7 P	2019-07-1(TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	12 P	2019-12-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	11 P	2019-12-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	11 P	2019-12-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	11 P	2019-11-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	11 P	2019-11-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	10 P	2019-11-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	7 P	2019-08-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	10 P	2019-11-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	10 P	2019-10-0:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	10 P	2019-10-0:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	9 P	2019-10-0:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	7 P	2019-08-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	9 P	2019-10-0:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	9 P	2019-09-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	9 P	2019-09-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	8 P	2019-09-1:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	8 P	2019-09-1:GCHIPER	Miscellane

Non-MCBA Power(PGE & SCE Invo	2019	8 P	2019-08-1:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	8 P	2019-08-1:TSCANLON	Miscellane
AP Vouchers	2019	3 P	2019-03-2:OPERATOR01379196	RCL V#013
Reclass between accounts	2019	3 P	2019-03-0:TSCANLON	SC FUELS
Reclass between accounts	2019	2 P	2019-03-0:SZHU	SC FUELS
AP Vouchers	2023	5 P	2023-05-1:OPERATOR01656322	DIESEL FUI
POWERPLANT JOURN/ DSCMCA	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURN/ DSCMCA	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2022	12 P	2023-01-1: POWERPLNT	PPLANT EN
Expense Journal	2019	12 P	2019-12-2: OPERATOR000013647	002082
AP Vouchers	2019	8 P	2019-08-2:OPERATOR01406555	RCL V#013
AP Vouchers	2019	8 P	2019-08-2:OPERATOR01406554	RCL V#013
AP Vouchers	2019	8 P	2019-08-2:OPERATOR01406553	RCL V#013
AP Vouchers	2019	8 P	2019-08-2:OPERATOR01406552	RCL V#013
AP Vouchers	2019	8 P	2019-08-2:OPERATOR01406551	RCL V#013
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397443	Generator I
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01389277	Generator I
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01389275	Generator I
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01389272	Generator I
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01389271	Generator I
Reclass between accounts	2019	8 P	2019-08-1:TSCANLON	CUMMINS
Reclass between accounts	2019	8 P	2019-08-1:TSCANLON	CUMMINS
Reclass between accounts	2019	8 P	2019-08-1:TSCANLON	CUMMINS
Reclass between accounts	2019	8 P	2019-08-1:TSCANLON	CUMMINS
Reclass between accounts	2019	8 P	2019-08-1:TSCANLON	CUMMINS
Reclass between accounts	2019	7 P	2019-08-1:SZHU	CUMMINS
Reclass between accounts	2019	7 P	2019-08-1:SZHU	CUMMINS
Reclass between accounts	2019	7 P	2019-08-1:SZHU	CUMMINS
Reclass between accounts	2019	7 P	2019-08-1:SZHU	CUMMINS
Reclass between accounts	2019	7 P	2019-08-1:SZHU	CUMMINS
Accrue Unmatched PO Receipts	2020	4 P	2020-05-0: OPERATOR000038043	Accrue Unr
Accrue Unmatched PO Receipts	2020	3 P	2020-04-0: OPERATOR000038043	Accrue Unr
Accrue Unmatched PO Receipts	2020	3 P	2020-03-0: OPERATOR000038043	Accrue Unr
Accrue Unmatched PO Receipts	2020	2 P	2020-03-0: OPERATOR000038043	Accrue Unr
Expense Journal PUBSAF	2020	2 P	2020-02-2: OPERATOR000013893	002297
AP Vouchers	2020	4 P	2020-04-0: OPERATOR01446475	Replace co
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0:JHU 01616781	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0:DADAVIS 01616781	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0:JHU 01616781	NORTHGAT

AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-11-0	DADAVIS	01616781	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-10-0	JHU	01616781	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-10-0	JHU	01616780	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-10-0	JHU	01616775	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616781	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616780	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616775	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590192	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590191	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590186	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590178	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590171	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590162	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01590161	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590192	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590191	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590186	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590178	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590171	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590162	NORTHGAT
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01590161	NORTHGAT
AP Vouchers	2022	12 P	2022-12-3	OPERATOR	01616781	Fuel and oi
AP Vouchers	2022	10 P	2022-10-2	OPERATOR	01616780	Fuel and oi
AP Vouchers	2022	10 P	2022-10-2	OPERATOR	01616775	Fuel and oi
AP Vouchers	2022	5 P	2022-05-2	OPERATOR	01590192	Fuel and oi
AP Vouchers	2022	5 P	2022-05-2	OPERATOR	01590178	Fuel and oi
AP Vouchers	2022	5 P	2022-05-0	OPERATOR	01590191	Fuel and oi
AP Vouchers	2022	5 P	2022-05-0	OPERATOR	01590186	Fuel and oi
AP Vouchers	2022	5 P	2022-05-0	OPERATOR	01590171	Fuel and oi
AP Vouchers	2022	5 P	2022-05-0	OPERATOR	01590162	Fuel and oi
AP Vouchers	2022	5 P	2022-05-0	OPERATOR	01590161	Fuel and oi
Record TPC refund payments	2022	12 P	2023-01-0	BTON	V#0161678	Fuel For Po
Accrue Unmatched PO Receipts	2019	12 P	2020-01-0	OPERATOR	000037626	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	7 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	7 P	2019-08-0	OPERATOR	000036173	Accrue Unr
Accrue Unmatched PO Receipts	2019	7 P	2019-08-0	OPERATOR	000036173	Accrue Unr







AP Manual Closures	2019	11 P	2019-11-1: OPERATOR01359633	OVERPAID
AP Vouchers	2019	11 P	2019-11-1: OPERATOR01422755	Wireline
AP Vouchers	2019	11 P	2019-11-1: OPERATOR01422700	Wireline
AP Vouchers	2019	9 P	2019-09-1: OPERATOR01411729	Wireline
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405266	RED FILTEF
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405266	BLUE FILTE
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405266	BLUE FILTE
AP Vouchers	2019	8 P	2019-08-1: OPERATOR01405266	BLUE FILTE
AP Vouchers	2019	7 P	2019-07-2: OPERATOR01399920	Wireline
AP Vouchers	2019	7 P	2019-07-2: OPERATOR01399919	Wireline
AP Vouchers	2019	7 P	2019-07-2: OPERATOR01399918	Wireline
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397822	RED FILTEF
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397822	BLUE FILTE
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397822	RED FILTEF
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397822	BLUE FILTE
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397822	RED FILTEF
AP Vouchers	2019	7 P	2019-07-1: OPERATOR01397822	BLUE FILTE
AP Vouchers	2019	6 P	2019-06-0: OPERATOR01391555	RTAP TCS M
AP Vouchers	2019	5 P	2019-05-0: OPERATOR01385718	RTAP TCS M
AP Vouchers	2019	4 P	2019-04-2: OPERATOR01384332	Wireline
AP Vouchers	2019	4 P	2019-04-0: OPERATOR01380766	RTAP TCS M
AP Vouchers	2019	3 P	2019-03-2: OPERATOR01378430	Wireline
AP Vouchers	2019	3 P	2019-03-0: OPERATOR01375050	RTAP TCS M
AP Vouchers	2019	2 P	2019-03-1: OPERATOR01374768	JAN & FEB I
AP Vouchers	2019	2 P	2019-02-1: OPERATOR01373485	RED FILTEF
AP Vouchers	2019	1 P	2019-01-2: OPERATOR01369610	RTAP TCS M
AP Vouchers	2019	1 P	2019-01-0: OPERATOR01365765	RTAP TCS M
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	960732581 AT&T MOBI
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	960732581 AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM

MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0: DADAVIS	AT&T MOBI
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1: JHU	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1: JHU	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1: JHU	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1: JHU	AT&T MOBI
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1: DADAVIS	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1: DADAVIS	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1: DADAVIS	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1: DADAVIS	AT&T MOBI
MANUAL ACCRUAL - JUL.2019	2019	8 P	2019-08-0: JHU	TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	8 P	2019-08-0: JHU	TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	7 P	2019-08-0: DADAVIS	TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	7 P	2019-08-0: DADAVIS	TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0: JHU	TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0: JHU	AT&T MOBI
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0: JHU	AT&T MOBI
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0: DADAVIS	TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0: DADAVIS	AT&T MOBI
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0: DADAVIS	AT&T MOBI
IMAGENOW (WF) ACCRUAL - MAY	2019	6 P	2019-06-1: JHU	TELECOMM
IMAGENOW (WF) ACCRUAL - MAY	2019	6 P	2019-06-1: JHU	AT&T MOBI
IMAGENOW (WF) ACCRUAL - MAY	2019	5 P	2019-06-1: DADAVIS	TELECOMM
IMAGENOW (WF) ACCRUAL - MAY	2019	5 P	2019-06-1: DADAVIS	AT&T MOBI
IMAGENOW (WF) ACCRUAL - JAN.	2019	2 P	2019-02-1: JHU	AT&T MOBI

IMAGENOW (WF) ACCRUAL - JAN.	2019	1 P	2019-02-1: DADAVIS	AT&T MOBI
IMAGENOW (WF) ACCRUAL - DEC	2019	1 P	2019-01-1: JHU	AT&T MOBI
AC_EST-MAY.2019	2019	6 P	2019-06-0: JHU	DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-0: DADAVIS	DEC'18-AP
AC_EST - APR.2019	2019	5 P	2019-05-0: JHU	NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-0: DADAVIS	NOV'18-M/
AC_EST - MAR.2019	2019	4 P	2019-04-0: JHU	OCT'18-FE
AC_EST - MAR.2019	2019	3 P	2019-04-0: DADAVIS	OCT'18-FE
AC_EST - FEB.2019	2019	3 P	2019-03-0: JHU	Sep'18-Jan
AC_EST - FEB.2019	2019	2 P	2019-03-0: DADAVIS	Sep'18-Jan
AC_EST - JAN.2019	2019	2 P	2019-02-0: JHU	AUG.18-DE
AC_EST - JAN.2019	2019	1 P	2019-02-0: DADAVIS	AUG.18-DE
AC_EST - DEC.2018	2019	1 P	2019-01-0: JHU	JUL'18-NO
SUBSEQUENT VOUCHER ACCRU	2019	5 P	2019-05-0: JHU	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	4 P	2019-05-0: DADAVIS	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	4 P	2019-04-0: JHU	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	3 P	2019-04-0: DADAVIS	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	12 P	2020-01-1: DADAVIS 01432266	AT&T MOBI
SUBSEQUENT VOUCHER ACCRU	2019	12 P	2020-01-1: DADAVIS 01432265	AT&T MOBI
record regulatory asset for th	2023	12 P	2024-01-3: WKIM	2023 amor
AP Vouchers	2023	3 P	2023-03-2: OPERATOR01653323	RCL V#016
AP Vouchers	2023	2 P	2023-02-2: OPERATOR01647341	Watermast
AC_EST - JUN.2023	2023	7 P	2023-07-0: JHU	AC_EST JAN
AC_EST - JUN.2023	2023	6 P	2023-07-0: KWANG	AC_EST JAN
AC_EST - MAY.2023	2023	6 P	2023-06-0: JHU	AC_EST DE
AC_EST - MAY.2023	2023	5 P	2023-06-0: DADAVIS	AC_EST DE
AC_EST - APR.2023	2023	5 P	2023-05-0: JHU	AC_EST NC
AC_EST - APR.2023	2023	4 P	2023-05-0: KWANG	AC_EST NC
AC_EST - MAR.2023	2023	4 P	2023-04-0: JHU	AC_EST OC
AC_EST - MAR.2023	2023	3 P	2023-04-0: KWANG	AC_EST OC
AC_EST - FEB.2023	2023	3 P	2023-03-0: JHU	AC_EST SE
AC_EST - FEB.2023	2023	2 P	2023-03-0: KWANG	AC_EST SE
AP reclasses for Feb 2023	2023	3 P	2023-03-1: TSCANLON 1647341	WATER REF
AP reclasses for Feb 2023	2023	2 P	2023-03-1: THTRAN 1647341	WATER REF
Accrue Unmatched PO Receipts	2019	12 P	2020-01-0: OPERATOR000037487	Accrue Unr
Accrue Unmatched PO Receipts	2019	12 P	2019-12-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-12-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-11-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-11-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-10-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-10-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0: OPERATOR000036184	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	8 P	2019-08-0: OPERATOR000036258	Accrue Unr

Accrue Unmatched PO Receipts	2019	8 P	2019-08-0: OPERATOR 000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0: OPERATOR 000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-08-0: OPERATOR 000036183	Accrue Unr
Accrue Unmatched PC BLKMCA	2019	7 P	2019-08-0: OPERATOR 000036258	Accrue Unr
Accrue Unmatched PO Receipts	2019	7 P	2019-08-0: OPERATOR 000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	7 P	2019-08-0: OPERATOR 000036184	Accrue Unr
Accrue Unmatched PO Receipts	2019	7 P	2019-08-0: OPERATOR 000036183	Accrue Unr
Accrue Unmatched PO Receipts	2019	4 P	2019-04-0: OPERATOR 000034657	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-04-0: OPERATOR 000034657	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-03-0: OPERATOR 000035037	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-03-0: OPERATOR 000034657	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 000035037	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 000034657	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-02-0: OPERATOR 000034657	Accrue Unr
Accrue Unmatched PO Receipts	2019	1 P	2019-02-0: OPERATOR 000034657	Accrue Unr
MCA DISCRETED PO A DSCMCA	2019	6 P	2019-06-0: JHU	DOTY BRO:
MCA DISCRETED PO A DSCMCA	2019	5 P	2019-06-0: TDING	DOTY BRO:
Expense Journal	2019	12 P	2019-12-2: OPERATOR 000013651000535	
Expense Journal	2019	12 P	2019-12-2: OPERATOR 000013651001441	
Expense Journal	2019	12 P	2019-12-2: OPERATOR 000013651001441	
Expense Journal	2019	10 P	2019-10-1: OPERATOR 000013335001441	
Expense Journal	2019	10 P	2019-10-1: OPERATOR 000013335001441	
Expense Journal	2019	9 P	2019-09-3: OPERATOR 000013216002168	
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000012852000629	
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000012852000629	
Expense Journal	2019	7 P	2019-07-1: OPERATOR 000012734001356	
Expense Journal	2019	7 P	2019-07-1: OPERATOR 000012734001356	
Expense Journal	2019	7 P	2019-07-1: OPERATOR 000012734001356	
Expense Journal	2019	7 P	2019-07-1: OPERATOR 000012825001441	
Expense Journal	2019	7 P	2019-07-1: OPERATOR 000012825001441	
Expense Journal	2019	6 P	2019-06-2: OPERATOR 000012698001441	
Expense Journal	2019	6 P	2019-06-2: OPERATOR 000012698001441	
Expense Journal	2019	6 P	2019-06-2: OPERATOR 000012698001441	
Expense Journal	2019	6 P	2019-06-2: OPERATOR 000012698001441	
Expense Journal	2019	6 P	2019-06-0: OPERATOR 000012588001356	
Expense Journal	2019	6 P	2019-06-0: OPERATOR 000012717000249	
Expense Journal	2019	5 P	2019-05-3: OPERATOR 000012516000629	
Expense Journal	2019	4 P	2019-04-2: OPERATOR 000012443001815	
Expense Journal	2019	4 P	2019-04-2: OPERATOR 000012405001441	
Expense Journal	2019	4 P	2019-04-2: OPERATOR 000012405001441	
Expense Journal	2019	4 P	2019-04-2: OPERATOR 000012405001441	
Expense Journal	2019	4 P	2019-04-1: OPERATOR 000012397000629	
Expense Journal	2019	4 P	2019-04-1: OPERATOR 000012397000629	
Expense Journal	2019	3 P	2019-03-0: OPERATOR 000012089001441	

Expense Journal		2019	3 P	2019-03-0	OPERATOR 000012089	001441
Expense Journal		2019	3 P	2019-04-0	OPERATOR 000012238	000629
Expense Journal		2019	2 P	2019-02-1	OPERATOR 000012124	001356
Expense Journal		2019	1 P	2019-01-1	OPERATOR 000011922	001815
Expense Journal		2019	1 P	2019-01-1	OPERATOR 000011909	001815
Expense Journal		2019	1 P	2019-01-1	OPERATOR 000011620	001815
AP MONTH END ACCRUAL - AP UN		2019	12 P	2020-01-0	DADAVIS 01425924	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	12 P	2019-12-0	JHU 01420683	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	11 P	2019-12-0	DADAVIS 01420683	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	11 P	2019-11-0	JHU 01414237	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	10 P	2019-11-0	DADAVIS 01414237	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	8 P	2019-08-0	JHU 01400089	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	8 P	2019-08-0	JHU 01400083	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	8 P	2019-08-0	JHU 01400075	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	8 P	2019-08-0	JHU 01400072	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	7 P	2019-08-0	DADAVIS 01400089	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	7 P	2019-08-0	DADAVIS 01400083	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	7 P	2019-08-0	DADAVIS 01400075	BENNETT L
AP MONTH END ACCRUAL - AP UN		2019	7 P	2019-08-0	DADAVIS 01400072	BENNETT L
AP MONTH END ACCRUAL		2019	4 P	2019-04-0	DADAVIS 01378555	Hermosa-F
AP MONTH END ACCRUAL		2019	3 P	2019-04-0	DADAVIS 01378555	Hermosa-F
AP Vouchers		2019	11 P	2019-11-2	OPERATOR 01421932	Emergency
AP Vouchers		2019	11 P	2019-11-0	OPERATOR 01414237	Hermosa-F
AP Vouchers		2019	10 P	2019-10-1	OPERATOR 01408898	Hermosa-F
AP Vouchers		2019	9 P	2019-09-2	OPERATOR 01402861	Hermosa-F
AP Vouchers	BLKMCA	2019	8 P	2019-08-1	OPERATOR 01402724	Repairs of
AP Vouchers		2019	8 P	2019-08-1	OPERATOR 01400089	Hermosa-F
AP Vouchers		2019	8 P	2019-08-1	OPERATOR 01400083	Hermosa-F
AP Vouchers		2019	8 P	2019-08-1	OPERATOR 01400075	Emergency
AP Vouchers	BLKMCA	2019	6 P	2019-06-2	OPERATOR 01395027	Repairs of
AP Vouchers		2019	5 P	2019-05-3	OPERATOR 01389751	Hermosa-F
AP Vouchers	DSCMCA	2019	5 P	2019-05-3	OPERATOR 01389693	W.B 29 pip
AP Vouchers		2019	5 P	2019-05-2	OPERATOR 01388304	Trimming
AP Vouchers		2019	5 P	2019-05-0	OPERATOR 01386082	Tree Trimm
AP Vouchers		2019	4 P	2019-04-3	OPERATOR 01384997	Hermosa-F
AP Vouchers		2019	4 P	2019-04-0	OPERATOR 01381511	HR Res 1 tr
AP Vouchers		2019	4 P	2019-04-0	OPERATOR 01381510	HR Res 1 tr
AP Vouchers		2019	4 P	2019-04-0	OPERATOR 01378555	Hermosa-F
AP Vouchers		2019	3 P	2019-03-0	OPERATOR 01375770	Hermosa-F
AP Vouchers		2019	2 P	2019-02-2	OPERATOR 01373675	Tree Trimm
AP Vouchers		2019	2 P	2019-02-0	OPERATOR 01371635	Hermosa-F
AP Vouchers		2019	2 P	2019-02-0	OPERATOR 01371634	Hermosa-F
AP Vouchers		2019	1 P	2019-02-0	OPERATOR 01366488	Tree Trimm
WF (IMAGENOW) ACCRUAL-JUN.2		2019	7 P	2019-07-0	JHU	BENNETT L

WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0	DADAVIS	BENNETT L
IMAGENOW (WF) ACCRUAL - DEC	2019	1 P	2019-01-1	JHU	BENNETT L
AC_EST - OCT.2019	2019	11 P	2019-11-0	JHU	MAY'19-SE
AC_EST - OCT.2019	2019	10 P	2019-11-0	DADAVIS	MAY'19-SE
AC_EST - Sep.2019	2019	10 P	2019-10-0	JHU	MAR'19-JU
AC_EST - Sep.2019	2019	9 P	2019-10-0	DADAVIS	MAR'19-JU
AC_EST - AUG.2019	2019	9 P	2019-09-0	JHU	MAR19-JUL
AC_EST - AUG.2019	2019	8 P	2019-09-0	DADAVIS	MAR19-JUL
AC_EST - JUL.2019	2019	8 P	2019-08-0	JHU	FEB19-JUN
AC_EST - JUL.2019	2019	7 P	2019-08-0	DADAVIS	FEB19-JUN
AC_EST - JUN.2019	2019	7 P	2019-07-0	JHU	JAN'19-MA
AC_EST - JUN.2019	2019	6 P	2019-07-0	DADAVIS	JAN'19-MA
SUBSEQUENT VOUCHER ACCRU	2019	2 P	2019-02-1	JHU	BENNETT L
SUBSEQUENT VOUCHER ACCRU	2019	2 P	2019-02-1	JHU	BENNETT L
SUBSEQUENT VOUCHER ACCRU	2019	1 P	2019-02-1	DADAVIS	BENNETT L
SUBSEQUENT VOUCHER ACCRU	2019	1 P	2019-02-1	DADAVIS	BENNETT L
SUBSEQUENT VOUCHER (ACAP) /	2019	1 P	2019-01-1	JHU	BENNETT L
POWERPLANT JOURN/ DSCMCA	2019	8 P	2019-09-1	POWERPLNT	PPLANT EN
Accrue Unmatched PO Receipts	2023	12 P	2024-01-0	OPERATOR 000052251	Accrue Unr
Accrue Unmatched PO Receipts	2023	12 P	2024-01-0	OPERATOR 000052251	Accrue Unr
Accrue Unmatched PO Receipts	2023	12 P	2023-12-0	OPERATOR 000051932	Accrue Unr
Accrue Unmatched PO Receipts	2023	11 P	2023-12-0	OPERATOR 000051932	Accrue Unr
Inventory Transactions	2023	12 P	2023-12-0	OPERATOR INV	Inv Trans
Inventory Transactions	2023	8 P	2023-08-1	OPERATOR INV	Inv Trans
Inventory Transactions	2023	3 P	2023-03-0	OPERATOR INV	Inv Trans
Inventory Transactions	2023	2 P	2023-02-2	OPERATOR INV	Inv Trans
Expense Journal	2023	10 P	2023-11-0	LBURBACH 000019522	001358
Expense Journal	2023	10 P	2023-11-0	LBURBACH 000019522	001358
Expense Journal	2023	9 P	2023-09-2	OPERATOR 000019340	000535
Expense Journal	2023	9 P	2023-09-2	OPERATOR 000019340	000535
Expense Journal	2023	9 P	2023-09-2	OPERATOR 000019299	001441
Expense Journal	2023	9 P	2023-09-2	OPERATOR 000019299	001441
Expense Journal	2023	9 P	2023-09-2	OPERATOR 000019299	001441
Expense Journal	2023	9 P	2023-09-1	OPERATOR 000019297	001815
Expense Journal	2023	9 P	2023-09-1	OPERATOR 000019297	001815
Expense Journal	2023	8 P	2023-08-1	OPERATOR 000019156	001358
Expense Journal	2023	7 P	2023-07-0	OPERATOR 000018981	001358
Expense Journal	2023	6 P	2023-06-3	OPERATOR 000018278	001358
Expense Journal	2023	5 P	2023-05-2	OPERATOR 000018817	000535
Expense Journal	2023	5 P	2023-05-0	OPERATOR 000018670	001441
Expense Journal	2023	4 P	2023-04-1	OPERATOR 000018548	001815
Expense Journal	2023	4 P	2023-04-1	OPERATOR 000018548	001815
Expense Journal	2023	4 P	2023-04-1	OPERATOR 000018548	001815
Expense Journal	2023	4 P	2023-04-0	OPERATOR 000018461	001815

Expense Journal	2023	4 P	2023-04-0: OPERATOR 000018461001815
Expense Journal	2023	4 P	2023-04-0: OPERATOR 000018461001815
Expense Journal	2023	4 P	2023-04-0: OPERATOR 000018461001815
Expense Journal	2023	4 P	2023-04-0: OPERATOR 000018461001815
Expense Journal	2023	4 P	2023-04-0: OPERATOR 000018461001815
Expense Journal	2023	4 P	2023-04-0: OPERATOR 000018461001815
Expense Journal	2023	2 P	2023-02-0: OPERATOR 000018118001963
Expense Journal	2023	2 P	2023-02-0: OPERATOR 000018170002715
Expense Journal	2023	1 P	2023-01-0: OPERATOR 000018143001358
Expense Journal	2023	1 P	2023-01-0: OPERATOR 000018143001358
Expense Journal	2023	1 P	2023-01-0: OPERATOR 000018012001441
Expense Journal	2023	1 P	2023-01-0: OPERATOR 000018012001441
AP Vouchers	2023	12 P	2023-12-1: OPERATOR 01705541 HR Yearly V
AP Vouchers	2023	12 P	2023-12-1: OPERATOR 01705343 HR Yearly L
AP Vouchers	2023	12 P	2023-12-0: OPERATOR 01705140 HR Yearly V
AP Vouchers	2023	11 P	2023-11-0: OPERATOR 01699815 HR Yearly L
AP Vouchers	2023	11 P	2023-11-0: OPERATOR 01699814 HR Yearly V
AP Vouchers	2023	10 P	2023-10-2: OPERATOR 01696127 HR Yearly V
AP Vouchers	2023	10 P	2023-10-2: OPERATOR 01697456 HR Yearly V
AP Vouchers	2023	10 P	2023-10-3: OPERATOR 01694595 HR Yearly V
AP Vouchers	2023	10 P	2023-10-3: OPERATOR 01693706 HR Yearly L
AP Vouchers	2023	9 P	2023-09-2: OPERATOR 01690622 HR Yearly V
AP Vouchers	2023	9 P	2023-09-2: OPERATOR 01690307 HR Yearly V
AP Vouchers	2023	9 P	2023-09-1: OPERATOR 01686950 HR Yearly V
AP Vouchers	2023	9 P	2023-09-1: OPERATOR 01686948 HR Yearly L
AP Vouchers	2023	9 P	2023-09-0: OPERATOR 01687778 HR Yearly V
AP Vouchers	2023	9 P	2023-09-0: OPERATOR 01687776 HR Yearly V
AP Vouchers	2023	8 P	2023-08-0: OPERATOR 01681642 HR Yearly L
AP Vouchers	2023	8 P	2023-08-0: OPERATOR 01675848 HR Yearly L
AP Vouchers	2023	7 P	2023-07-3: OPERATOR 01680141 HR Yearly V
AP Vouchers	2023	7 P	2023-07-1: OPERATOR 01676104 HR Yearly V
AP Vouchers	2023	7 P	2023-07-1: OPERATOR 01675803 HR Yearly V
AP Vouchers	2023	7 P	2023-07-1: OPERATOR 01675276 HR Yearly V
AP Vouchers	2023	7 P	2023-07-1: OPERATOR 01675274 HR Yearly V
AP Vouchers	2023	6 P	2023-06-2: OPERATOR 01671669 HR Yearly V
AP Vouchers	2023	6 P	2023-06-0: OPERATOR 01668327 HR Yearly L
AP Vouchers	2023	5 P	2023-05-2: OPERATOR 01666138 HR Yearly V
AP Vouchers	2023	5 P	2023-05-0: OPERATOR 01661566 HR Yearly L
AP Vouchers	2023	4 P	2023-04-2: OPERATOR 01657385 HR Yearly L
AP Vouchers	2023	3 P	2023-03-1: OPERATOR 01650095 HR Yearly L
AP Vouchers	2023	2 P	2023-02-2: OPERATOR 01645224 HR Yearly V
AP Vouchers	2023	2 P	2023-02-0: OPERATOR 01643620 HR Yearly L
AP Vouchers	2023	1 P	2023-01-0: OPERATOR 01637018 HR Yearly L
AP Vouchers	2023	1 P	2023-01-0: OPERATOR 01637016 HR Yearly V



AC_EST - FEB.2023		2023	3 P	2023-03-01	JHU	AC_EST SE
AC_EST - FEB.2023		2023	2 P	2023-03-01	KWANG	AC_EST SE
AC_EST - JAN.2023		2023	2 P	2023-02-01	JHU	AC_EST AU
AC_EST - JAN.2023		2023	1 P	2023-02-01	KWANG	AC_EST AU
AC_EST - DEC.2022		2023	1 P	2023-01-01	JHU	AC_EST JUI
SUBSEQUENT VOUCHER ACCRU		2023	10 P	2023-10-01	JFUNG 01693706	AMERICAN
SUBSEQUENT VOUCHER ACCRU		2023	9 P	2023-10-01	DADAVIS 01693706	AMERICAN
Expense Journal	PUBSAF	2019	12 P	2019-12-01	OPERATOR 00001292	002031
Expense Journal	PUBSAF	2019	12 P	2019-12-01	OPERATOR 00001292	002031
Expense Journal	PUBSAF	2019	12 P	2019-12-01	OPERATOR 00001292	002031
Expense Journal	PUBSAF	2019	12 P	2019-12-01	OPERATOR 00001292	002031
Expense Journal	PUBSAF	2019	12 P	2019-12-01	OPERATOR 00001292	002031
Expense Journal		2019	9 P	2019-09-11	OPERATOR 00001297	002593
Expense Journal	PUBSAF	2019	7 P	2019-07-21	OPERATOR 00001292	002031
Expense Journal	PUBSAF	2019	7 P	2019-07-21	OPERATOR 00001292	002031
Expense Journal	PUBSAF	2019	12 P	2019-12-21	OPERATOR 00001310	002044
Expense Journal	PUBSAF	2019	12 P	2019-12-21	OPERATOR 00001310	002044
Expense Journal	PUBSAF	2019	12 P	2019-12-21	OPERATOR 00001310	002044
Expense Journal	PUBSAF	2019	12 P	2019-12-21	OPERATOR 00001310	002044
Expense Journal	PUBSAF	2019	12 P	2019-12-01	OPERATOR 00001292	002031
Expense Journal		2019	5 P	2019-05-11	OPERATOR 00001159	000115
Expense Journal	CEMA	2021	9 P	2021-09-21	OPERATOR 00001617	002081
POWERPLANT JOURN/ DSCMCA		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	5 P	2022-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	5 P	2022-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	5 P	2022-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	8 P	2022-09-11	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL		2022	5 P	2022-06-01	POWERPLNT	PPLANT EN
Accrue Unmatched PO Receipts		2020	8 P	2020-08-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	7 P	2020-08-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	7 P	2020-08-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	8 P	2020-08-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	6 P	2020-07-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	6 P	2020-07-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	6 P	2020-07-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	6 P	2020-07-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	7 P	2020-07-01	OPERATOR 00003881	Accrue Unr
Accrue Unmatched PO Receipts		2020	7 P	2020-07-01	OPERATOR 00003881	Accrue Unr

Accrue Unmatched PO Receipts	2020	5 P	2020-06-0: OPERATOR 000038812	Accrue Unr
Accrue Unmatched PO Receipts	2020	5 P	2020-06-0: OPERATOR 000038812	Accrue Unr
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-0: TDING 01449604	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-0: TDING 01449600	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-0: DADAVIS 01449604	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-0: DADAVIS 01449600	RAMOS OIL
AP Vouchers	2020	5 P	2020-05-0: OPERATOR 01449604	Red Dyed C
AP Vouchers	2020	5 P	2020-05-0: OPERATOR 01449600	Red Dyed C
Accrue Unmatched PO Receipts	2021	6 P	2021-06-0: OPERATOR 000042642	Accrue Unr
Accrue Unmatched PO Receipts	2021	5 P	2021-06-0: OPERATOR 000042642	Accrue Unr
AP Vouchers	2021	6 P	2021-06-1: OPERATOR 01527687	Red Dyed C
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01616553	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-11-0: DADAVIS 01616553	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-10-0: JHU 01616553	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-10-0: JHU 01608867	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0: DADAVIS 01616553	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0: DADAVIS 01608867	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-09-0: JHU 01608867	RAMOS OIL
AP MONTH END ACCRUAL - AP UN	2022	8 P	2022-09-0: DADAVIS 01608867	RAMOS OIL
AP Vouchers CEMA	2022	11 P	2022-11-0: OPERATOR 01616553	Diesel Deli
SUBSEQUENT VOUCHER ACCRUAL	2022	8 P	2022-08-0: JHU 01608867	RAMOS OIL
SUBSEQUENT VOUCHER ACCRUAL	2022	7 P	2022-08-0: DADAVIS 01608867	RAMOS OIL
Accrue Unmatched PO Receipts	2019	6 P	2019-06-0: OPERATOR 000035622	Accrue Unr
Accrue Unmatched PO Receipts	2019	5 P	2019-06-0: OPERATOR 000035622	Accrue Unr
Expense Journal	2019	10 P	2019-10-1: OPERATOR 000013227	002395
Expense Journal	2019	5 P	2019-05-1: OPERATOR 000012639	001571
Expense Journal	2019	5 P	2019-05-1: OPERATOR 000012639	001571
Expense Journal	2019	4 P	2019-04-1: OPERATOR 000012468	000547
Expense Journal	2019	4 P	2019-04-1: OPERATOR 000012308	000547
Expense Journal	2019	3 P	2019-03-1: OPERATOR 000012241	000547
Expense Journal	2019	3 P	2019-03-1: OPERATOR 000012275	001333
AP MONTH END ACCRUAL	2019	7 P	2019-07-0: DADAVIS 01395042	Install Gau
AP MONTH END ACCRUAL	2019	6 P	2019-07-0: DADAVIS 01395042	Install Gau
AP MONTH END ACCRUAL	2019	3 P	2019-03-0: DADAVIS 01375050	RTAP TCS M
AP MONTH END ACCRUAL	2019	2 P	2019-03-0: DADAVIS 01375050	RTAP TCS M
AP MONTH END ACCRUAL	2019	1 P	2019-01-0: DADAVIS 01365765	RTAP TCS M
AP Vouchers	2019	11 P	2019-11-2: OPERATOR 01425294	Wireline
AP Manual Closures	2019	11 P	2019-11-1: OPERATOR 01359633	OVERPAID
AP Vouchers	2019	11 P	2019-11-1: OPERATOR 01422755	Wireline
AP Vouchers	2019	11 P	2019-11-1: OPERATOR 01422700	Wireline
AP Vouchers	2019	9 P	2019-09-1: OPERATOR 01411729	Wireline
AP Vouchers	2019	7 P	2019-07-2: OPERATOR 01399920	Wireline
AP Vouchers	2019	7 P	2019-07-2: OPERATOR 01399919	Wireline
AP Vouchers	2019	7 P	2019-07-2: OPERATOR 01399918	Wireline

AP Vouchers	2019	7 P	2019-07-0: OPERATOR01395042	Install Gau
AP Vouchers	2019	6 P	2019-06-0: OPERATOR01391555	RTAP TCS M
AP Vouchers	2019	5 P	2019-05-0: OPERATOR01385718	RTAP TCS M
AP Vouchers	2019	5 P	2019-05-0: OPERATOR01385750	LIV 019-01
AP Vouchers	2019	4 P	2019-04-2: OPERATOR01384332	Wireline
AP Vouchers	2019	4 P	2019-04-0: OPERATOR01380766	RTAP TCS M
AP Vouchers	2019	3 P	2019-03-2: OPERATOR01378430	Wireline
AP Vouchers	2019	3 P	2019-03-0: OPERATOR01375050	RTAP TCS M
AP Vouchers	2019	2 P	2019-03-1: OPERATOR01374768	JAN & FEB I
AP Vouchers	2019	1 P	2019-01-2: OPERATOR01369610	RTAP TCS M
AP Vouchers	2019	1 P	2019-01-0: OPERATOR01365765	RTAP TCS M
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU	96073258: AT&T MOBI
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	CWSC-000 TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS	96073258: AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1: JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1: DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	10 P	2019-10-0: JHU	AT&T MOBI

MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0:	DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0:	DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0:	DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0:	DADAVIS	TELECOMM
MANUAL (WF) ACCRUAL - SEP.20:	2019	9 P	2019-10-0:	DADAVIS	AT&T MOBI
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1:	JHU	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1:	JHU	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1:	JHU	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1:	JHU	AT&T MOBI
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1:	DADAVIS	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1:	DADAVIS	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1:	DADAVIS	TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1:	DADAVIS	AT&T MOBI
MANUAL ACCRUAL - JUL.2019	2019	8 P	2019-08-0:	JHU	TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	8 P	2019-08-0:	JHU	TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	7 P	2019-08-0:	DADAVIS	TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	7 P	2019-08-0:	DADAVIS	TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0:	JHU	TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0:	JHU	AT&T MOBI
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0:	JHU	AT&T MOBI
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0:	DADAVIS	TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0:	DADAVIS	AT&T MOBI
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0:	DADAVIS	AT&T MOBI
IMAGENOW (WF) ACCRUAL - MAY	2019	6 P	2019-06-1:	JHU	TELECOMM
IMAGENOW (WF) ACCRUAL - MAY	2019	6 P	2019-06-1:	JHU	AT&T MOBI
IMAGENOW (WF) ACCRUAL - MAY	2019	5 P	2019-06-1:	DADAVIS	TELECOMM
IMAGENOW (WF) ACCRUAL - MAY	2019	5 P	2019-06-1:	DADAVIS	AT&T MOBI
IMAGENOW (WF) ACCRUAL - JAN.	2019	2 P	2019-02-1:	JHU	AT&T MOBI
IMAGENOW (WF) ACCRUAL - JAN.	2019	1 P	2019-02-1:	DADAVIS	AT&T MOBI
AC_EST-MAY.2019	2019	6 P	2019-06-0:	JHU	DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-0:	DADAVIS	DEC'18-AP
AC_EST - APR.2019	2019	5 P	2019-05-0:	JHU	NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-0:	DADAVIS	NOV'18-M/
AC_EST - MAR.2019	2019	4 P	2019-04-0:	JHU	OCT'18-FE
AC_EST - MAR.2019	2019	3 P	2019-04-0:	DADAVIS	OCT'18-FE
AC_EST - FEB.2019	2019	3 P	2019-03-0:	JHU	Sep'18-Jan
AC_EST - FEB.2019	2019	2 P	2019-03-0:	DADAVIS	Sep'18-Jan
AC_EST - JAN.2019	2019	2 P	2019-02-0:	JHU	AUG.18-DE
AC_EST - JAN.2019	2019	1 P	2019-02-0:	DADAVIS	AUG.18-DE
AC_EST - DEC.2018	2019	1 P	2019-01-0:	JHU	JUL'18-NO
SUBSEQUENT VOUCHER ACCRU/	2019	5 P	2019-05-0:	JHU	TELECOMM
SUBSEQUENT VOUCHER ACCRU/	2019	5 P	2019-05-0:	JHU	POWER SE
SUBSEQUENT VOUCHER ACCRU/	2019	4 P	2019-05-0:	DADAVIS	TELECOMM
SUBSEQUENT VOUCHER ACCRU/	2019	4 P	2019-05-0:	DADAVIS	POWER SE

SUBSEQUENT VOUCHER ACCRUAL	2019	4 P	2019-04-01	JHU	TELECOMM
SUBSEQUENT VOUCHER ACCRUAL	2019	3 P	2019-04-01	DADAVIS	TELECOMM
SUBSEQUENT VOUCHER ACCRUAL	2019	12 P	2020-01-11	DADAVIS 01432266	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2019	12 P	2020-01-11	DADAVIS 01432265	AT&T MOBI
POWERPLANT JOURNAL	2019	5 P	2019-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	5 P	2019-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	5 P	2019-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	5 P	2019-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	5 P	2019-06-01	POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	5 P	2019-06-01	POWERPLNT	PPLANT EN
AP Vouchers	2020	12 P	2020-12-21	OPERATOR01499406	RCL V#014
Reclass between accounts	2020	12 P	2020-12-11	TSCANLON	VALLEY OIL
Reclass between accounts	2020	11 P	2020-12-11	SZHU	VALLEY OIL
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01429437	GRAPHIC C
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-01	JHU 01429437	GRAPHIC C
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS 01429437	GRAPHIC C
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU 01429437	GRAPHIC C
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS 01429437	GRAPHIC C
AP Vouchers	2020	12 P	2021-01-01	OPERATOR01497090	Wireline
AP Vouchers	2020	10 P	2020-10-21	OPERATOR01488174	Wireline
AP Vouchers	2020	10 P	2020-10-21	OPERATOR01486967	Wireline
AP Vouchers	2020	9 P	2020-09-21	OPERATOR01482020	Wireline
AP Vouchers	2020	8 P	2020-08-01	OPERATOR01472326	Wireline
AP Vouchers	2020	7 P	2020-07-01	OPERATOR01465671	Wireline
AP Vouchers	2020	7 P	2020-07-01	OPERATOR01465054	Wireline
AP Vouchers	2020	6 P	2020-06-11	OPERATOR01461996	OSI PI Softw
AP Vouchers	2020	6 P	2020-06-01	OPERATOR01460660	Wireline
AP Vouchers	2020	4 P	2020-04-21	OPERATOR01445933	HACH Serv
AP Vouchers	2020	4 P	2020-04-01	OPERATOR01450146	Wireline
AP Vouchers	2020	4 P	2020-04-01	OPERATOR01450029	RCL V#014
AP Vouchers	2020	3 P	2020-04-01	OPERATOR01445998	Los Altos -
AP Vouchers	2020	3 P	2020-03-11	OPERATOR01444852	Wireline
AP Vouchers	2020	3 P	2020-03-11	OPERATOR01444851	Wireline
AP Vouchers	2020	1 P	2020-01-01	OPERATOR01432266	Wireline
AP Vouchers	2020	1 P	2020-01-01	OPERATOR01432265	Wireline
MANUAL (WF) ACCRUAL - NOV.20	2020	12 P	2020-12-01	JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - NOV.20	2020	11 P	2020-12-01	DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - SEP.20	2020	10 P	2020-10-01	JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - SEP.20	2020	9 P	2020-10-01	DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - AUG.20	2020	9 P	2020-09-01	JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - AUG.20	2020	8 P	2020-09-01	DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - MAY.20	2020	6 P	2020-06-01	JHU	AT&T MOBI
MANUAL (WF) ACCRUAL - MAY.20	2020	5 P	2020-06-01	DADAVIS	AT&T MOBI
MANUAL (WF) ACCRUAL - APR.20	2020	5 P	2020-05-11	JHU	AT&T MOBI

MANUAL (WF) ACCRUAL - APR.20:	2020	4 P	2020-05-1:	DADAVIS		AT&T MOBI
MANUAL (WF) ACCRUAL - MAR.20	2020	4 P	2020-04-0:	JHU		AT&T MOBI
MANUAL (WF) ACCRUAL - MAR.20	2020	3 P	2020-04-0:	DADAVIS		AT&T MOBI
MANUAL (WF) ACCRUAL - FEB.20	2020	3 P	2020-03-1:	JHU		AT&T MOBI
MANUAL (WF) ACCRUAL - FEB.20	2020	3 P	2020-03-1:	JHU		AT&T MOBI
MANUAL (WF) ACCRUAL - FEB.20	2020	2 P	2020-03-1:	DADAVIS		AT&T MOBI
MANUAL (WF) ACCRUAL - FEB.20	2020	2 P	2020-03-1:	DADAVIS		AT&T MOBI
MANUAL (WF) ACCRUAL - JAN.20:	2020	2 P	2020-02-1:	JHU		AT&T MOBI
MANUAL (WF) ACCRUAL - JAN.20:	2020	1 P	2020-02-1:	DADAVIS		AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	8 P	2020-08-1:	JHU	01472326	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	7 P	2020-08-1:	DADAVIS	01472326	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	7 P	2020-07-1:	JHU	01465671	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	7 P	2020-07-1:	JHU	01465054	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	6 P	2020-07-1:	DADAVIS	01465671	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	6 P	2020-07-1:	DADAVIS	01465054	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	6 P	2020-06-0:	JHU	01460660	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	5 P	2020-06-0:	DADAVIS	01460660	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	12 P	2021-01-1:	DADAVIS	01502104	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	1 P	2020-01-1:	JHU	01432266	AT&T MOBI
SUBSEQUENT VOUCHER ACCRUAL	2020	1 P	2020-01-1:	JHU	01432265	AT&T MOBI
Reclass Sage Designs Invoice #	2020	4 P	2020-04-0:	JHU		Sage Desig
Reclass Sage Designs Invoice #	2020	3 P	2020-04-0:	LBURBACH		Sage Desig
Reclass Osisoft Inv#9000125355	2020	8 P	2020-09-1:	LBURBACH		Pump Expe
Reclass Osisoft Inv#9000125355	2020	8 P	2020-08-1:	JHU		Pump Expe
Reclass Osisoft Inv#9000125355	2020	7 P	2020-08-1:	LBURBACH		Pump Expe
Reclass Osisoft Inv#9000125355	2020	7 P	2020-07-1:	JHU		Pump Expe
Reclass Osisoft Inv#9000125355	2020	6 P	2020-07-1:	LBURBACH		Pump Expe
Expense Journal	2020	3 P	2020-03-0:	OPERATOR	00001386	002037
XPO Month-End Accruals	2019	12 P	2020-01-0:	OPERATOR	X0001272	X0001272
XPO Month-End Accruals	2019	12 P	2020-01-0:	OPERATOR	X0001204	X0001204
XPO Month-End Accruals	2019	12 P	2020-01-0:	OPERATOR	X0001136	X0001136
XPO Month-End Accruals	2019	12 P	2019-12-0:	TDING	X0001272	X0001272
XPO Month-End Accruals	2019	12 P	2019-12-0:	TDING	X0001204	X0001204
XPO Month-End Accruals	2019	12 P	2019-12-0:	TDING	X0001136	X0001136
XPO Month-End Accruals	2019	11 P	2019-12-0:	OPERATOR	X0001272	X0001272
XPO Month-End Accruals	2019	11 P	2019-12-0:	OPERATOR	X0001204	X0001204
XPO Month-End Accruals	2019	11 P	2019-12-0:	OPERATOR	X0001136	X0001136
XPO Month-End Accruals	2019	11 P	2019-11-0:	TDING	X0001204	X0001204
XPO Month-End Accruals	2019	11 P	2019-11-0:	TDING	X0001136	X0001136
XPO Month-End Accruals	2019	10 P	2019-11-0:	OPERATOR	X0001204	X0001204
XPO Month-End Accruals	2019	10 P	2019-11-0:	OPERATOR	X0001136	X0001136
XPO Month-End Accruals	2019	10 P	2019-10-0:	TDING	X0001256	X0001256
XPO Month-End Accruals	2019	10 P	2019-10-0:	TDING	X0001204	X0001204
XPO Month-End Accruals	2019	10 P	2019-10-0:	TDING	X0001192	X0001192



XPO Month-End Accruals	2019	5 P	2019-05-0: TDING	X00011361X00011361
XPO Month-End Accruals	2019	5 P	2019-05-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	5 P	2019-05-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X00012045X00012045
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X00011987X00011987
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X00011924X00011924
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X00011924X00011924
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X00011913X00011913
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X00011361X00011361
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	4 P	2019-05-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING	X00011924X00011924
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING	X00011924X00011924
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING	X00011913X00011913
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING	X00011361X00011361
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	4 P	2019-04-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR	X00011924X00011924
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR	X00011924X00011924
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR	X00011913X00011913
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR	X00011361X00011361
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	3 P	2019-04-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	3 P	2019-03-0: TDING	X00011873X00011873
XPO Month-End Accruals	2019	3 P	2019-03-0: TDING	X00011361X00011361
XPO Month-End Accruals	2019	3 P	2019-03-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	3 P	2019-03-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	2 P	2019-03-0: OPERATOR	X00011873X00011873
XPO Month-End Accruals	2019	2 P	2019-03-0: OPERATOR	X00011361X00011361
XPO Month-End Accruals	2019	2 P	2019-03-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	2 P	2019-03-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	2 P	2019-02-0: TDING	X00011361X00011361
XPO Month-End Accruals	2019	2 P	2019-02-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	2 P	2019-02-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	1 P	2019-02-0: OPERATOR	X00011361X00011361
XPO Month-End Accruals	2019	1 P	2019-02-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	1 P	2019-02-0: OPERATOR	X0001136(X0001136(
XPO Month-End Accruals	2019	1 P	2019-01-0: TDING	X00011361X00011361
XPO Month-End Accruals	2019	1 P	2019-01-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	1 P	2019-01-0: TDING	X0001136(X0001136(
XPO Month-End Accruals	2019	1 P	2019-01-0: TDING	X0001136(X0001136(
ADJ for HSG SAFETY SUT not cha	2019	5 P	2019-06-1: DADAVIS	01272783
REVERSE: SG SAFETY SUT not cha	2019	5 P	2019-06-1: DADAVIS	01272783
ADJ for HSG SAFETY SUT not cha	2019	5 P	2019-05-2: DADAVIS	01272783





Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 00003502	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 00003490	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0: OPERATOR 00003490	Accrue Unr
Accrue Unmatched PC DSCMCA	2019	2 P	2019-02-0: OPERATOR 00003464	Accrue Unr
Accrue Unmatched PC DSCMCA	2019	2 P	2019-02-0: OPERATOR 00003464	Accrue Unr
Accrue Unmatched PC DSCMCA	2019	1 P	2019-02-0: OPERATOR 00003464	Accrue Unr
Accrue Unmatched PC DSCMCA	2019	1 P	2019-02-0: OPERATOR 00003464	Accrue Unr
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- FLORES,M/	HACH COM
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- GARAY,ERI	GRAINGER
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- FLORES,M/	HACH COM
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- TAMBURO\	GRAINGER
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- RHODAS,D	HOPKINS T
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- RHODAS,D	HOPKINS T
Monthly pcard accrual	2019	12 P	2020-01-1(LBURBACH- DONOVAN	HILL BROTI
Monthly pcard accrual	2019	1 P	2019-01-0(JHU	TAMBURO\ SQ *C O C(
Monthly pcard accrual	2019	1 P	2019-01-0(JHU	SIDEBOTT( GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1(JHU	TAMBURO\ GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1(JHU	DONOVAN GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1(JHU	FLORES,M/ HACH COM
Monthly pcard accrual	2019	11 P	2019-12-1(LBURBACH- TAMBURO\	GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1(LBURBACH- DONOVAN	GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1(LBURBACH- FLORES,M/	HACH COM
Monthly pcard accrual	2019	11 P	2019-11-1(JHU	TAMBURO\ GRAINGER
Monthly pcard accrual	2019	11 P	2019-11-1(JHU	DONOVAN GRAINGER
Monthly pcard accrual	2019	10 P	2019-11-1(LBURBACH- TAMBURO\	GRAINGER
Monthly pcard accrual	2019	10 P	2019-11-1(LBURBACH- DONOVAN	GRAINGER
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	WILSON,C( SPITZLIFT
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	RHODAS,D HACH COM
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	DONOVAN GRAINGER
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	TRUJILLO J GRAINGER
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	TAMBURO\ HACH COM
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	FLORES,M/ HACH COM
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	TAMBURO\ SAFEWAY #
Monthly pcard accrual	2019	10 P	2019-10-0(JHU	TAMBURO\ SAFEWAY #
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- WILSON,C(	SPITZLIFT
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- RHODAS,D	HACH COM
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- DONOVAN	GRAINGER
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- TRUJILLO	J GRAINGER
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- TAMBURO\	HACH COM
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- FLORES,M/	HACH COM
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- TAMBURO\	SAFEWAY #
Monthly pcard accrual	2019	9 P	2019-10-0(LBURBACH- TAMBURO\	SAFEWAY #
Monthly pcard accrual	2019	9 P	2019-09-1(JHU	RHODAS,D HACH COM
Monthly pcard accrual	2019	9 P	2019-09-1(JHU	DONOVAN GRAINGER

Monthly pcard accrual	2019	8 P	2019-09-1: LBURBACH- RHODAS,D HACH COM
Monthly pcard accrual	2019	8 P	2019-09-1: LBURBACH- DONOVAN GRAINGER
Monthly pcard accrual	2019	8 P	2019-08-1: JHU FLORES,M/ HACH COM
Monthly pcard accrual	2019	8 P	2019-08-1: JHU FLORES,M/ HACH COM
Monthly pcard accrual	2019	8 P	2019-08-1: JHU DONOVAN GRAINGER
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH- FLORES,M/ HACH COM
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH- FLORES,M/ HACH COM
Monthly pcard accrual	2019	7 P	2019-08-1: LBURBACH- DONOVAN GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0: JHU FLORES,M/ HACH COM
Monthly pcard accrual	2019	7 P	2019-07-0: JHU TAMBURO\ GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0: JHU TAMBURO\ GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0: JHU TAMBURO\ USA BLUE I
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH- FLORES,M/ HACH COM
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH- TAMBURO\ GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH- TAMBURO\ GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0: LBURBACH- TAMBURO\ USA BLUE I
Monthly pcard accrual	2019	6 P	2019-06-1: JHU FLORES,M/ HACH COM
Monthly pcard accrual	2019	6 P	2019-06-1: JHU TAMBURO\ GRAINGER
Monthly pcard accrual	2019	6 P	2019-06-1: JHU CARDOSO, VOYTEN EL
Monthly pcard accrual	2019	6 P	2019-06-1: JHU TAMBURO\ USA BLUE I
Monthly pcard accrual	2019	6 P	2019-06-1: JHU CARDOSO, BLUE-WHIT
Monthly pcard accrual	2019	6 P	2019-06-1: JHU TAMBURO\ GRAINGER
Monthly pcard accrual	2019	5 P	2019-06-1: LBURBACH- FLORES,M/ HACH COM
Monthly pcard accrual	2019	5 P	2019-06-1: LBURBACH- TAMBURO\ GRAINGER
Monthly pcard accrual	2019	5 P	2019-06-1: LBURBACH- CARDOSO, VOYTEN EL
Monthly pcard accrual	2019	5 P	2019-06-1: LBURBACH- TAMBURO\ USA BLUE I
Monthly pcard accrual	2019	5 P	2019-06-1: LBURBACH- CARDOSO, BLUE-WHIT
Monthly pcard accrual	2019	5 P	2019-06-1: LBURBACH- TAMBURO\ GRAINGER
Monthly pcard accrual	2019	5 P	2019-05-1: JHU MURPHY,R METRO TEC
Monthly pcard accrual	2019	4 P	2019-05-1: LBURBACH- MURPHY,R METRO TEC
Monthly pcard accrual	2019	4 P	2019-04-0: JHU RHODAS,D GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU RHODAS,D GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU SIDEBOTT C 360 WATEF
Monthly pcard accrual	2019	4 P	2019-04-0: JHU CARDOSO, MCMASTE F
Monthly pcard accrual	2019	4 P	2019-04-0: JHU DONOVAN HILL BROTI
Monthly pcard accrual	2019	4 P	2019-04-0: JHU DONOVAN HILL BROTI
Monthly pcard accrual	2019	4 P	2019-04-0: JHU SIDEBOTT C GRAINGER
Monthly pcard accrual	2019	4 P	2019-04-0: JHU FLORES,M/ HACH COM
Monthly pcard accrual	2019	4 P	2019-04-0: JHU MURPHY,R METRO TEC
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- RHODAS,D GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- RHODAS,D GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- SIDEBOTT C 360 WATEF
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- CARDOSO, MCMASTE F
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- DONOVAN HILL BROTI

Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- DONOVAN HILL BROTI
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- SIDEBOTT- GRAINGER
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- FLORES, M/ HACH COM
Monthly pcard accrual	2019	3 P	2019-04-0: LBURBACH- MURPHY, R METRO TEC
Monthly pcard accrual	2019	3 P	2019-03-0: JHU FLORES, M/ HACH COM
Monthly pcard accrual	2019	3 P	2019-03-0: JHU MURPHY, R METRO TEC
Monthly pcard accrual	2019	3 P	2019-03-0: JHU TAMBURO\ SQ *C O C
Monthly pcard accrual	2019	3 P	2019-03-0: JHU SIDEBOTT- GRAINGER
Monthly pcard accrual	2019	2 P	2019-03-0: LBURBACH- FLORES, M/ HACH COM
Monthly pcard accrual	2019	2 P	2019-03-0: LBURBACH- MURPHY, R METRO TEC
Monthly pcard accrual	2019	2 P	2019-03-0: LBURBACH- TAMBURO\ SQ *C O C
Monthly pcard accrual	2019	2 P	2019-03-0: LBURBACH- SIDEBOTT- GRAINGER
Monthly pcard accrual	2019	2 P	2019-02-1: JHU FLORES, M/ HACH COM
Monthly pcard accrual	2019	2 P	2019-02-1: JHU GARAY, ERI MCMASTE
Monthly pcard accrual	2019	2 P	2019-02-1: JHU MURPHY, R METRO TEC
Monthly pcard accrual	2019	2 P	2019-02-1: JHU TAMBURO\ SQ *C O C
Monthly pcard accrual	2019	2 P	2019-02-1: JHU SIDEBOTT- GRAINGER
Monthly pcard accrual	2019	1 P	2019-02-1: LBURBACH- FLORES, M/ HACH COM
Monthly pcard accrual	2019	1 P	2019-02-1: LBURBACH- GARAY, ERI MCMASTE
Monthly pcard accrual	2019	1 P	2019-02-1: LBURBACH- MURPHY, R METRO TEC
Monthly pcard accrual	2019	1 P	2019-02-1: LBURBACH- TAMBURO\ SQ *C O C
Monthly pcard accrual	2019	1 P	2019-02-1: LBURBACH- SIDEBOTT- GRAINGER
Expense Journal	2019	12 P	2019-12-3: OPERATOR 00001369 000290
Expense Journal	2019	12 P	2019-12-3: OPERATOR 00001369 000290
Expense Journal	2019	10 P	2019-10-3: OPERATOR 00001339 002430
Expense Journal	2019	10 P	2019-10-2: OPERATOR 00001333 002430
Expense Journal	2019	10 P	2019-10-2: OPERATOR 00001330 000902
Expense Journal	2019	10 P	2019-10-2: OPERATOR 00001328 002436
Expense Journal	2019	10 P	2019-10-2: OPERATOR 00001327 002391
Expense Journal	2019	10 P	2019-10-2: OPERATOR 00001327 002391
Expense Journal	2019	10 P	2019-10-2: OPERATOR 00001334 001295
Expense Journal	2019	10 P	2019-10-0: OPERATOR 00001325 002391
Expense Journal	2019	10 P	2019-10-0: OPERATOR 00001324 001295
Expense Journal	2019	9 P	2019-09-2: OPERATOR 00001319 000902
Expense Journal	2019	8 P	2019-08-0: OPERATOR 00001293 002436
Expense Journal	2019	8 P	2019-08-0: OPERATOR 00001293 002436
Expense Journal	2019	7 P	2019-07-2: OPERATOR 00001292 000902
Expense Journal	2019	7 P	2019-07-2: OPERATOR 00001292 000902
Expense Journal	2019	7 P	2019-07-2: OPERATOR 00001290 000902
Expense Journal	2019	7 P	2019-07-2: OPERATOR 00001289 002430
Expense Journal	2019	7 P	2019-07-1: OPERATOR 00001283 002391
Expense Journal	2019	7 P	2019-07-1: OPERATOR 00001283 002391
Expense Journal	2019	7 P	2019-07-1: OPERATOR 00001283 002391
Expense Journal	2019	7 P	2019-07-1: OPERATOR 00001286 000902

Expense Journal		2019	6 P	2019-06-10	OPERATOR 000012723000902
Expense Journal		2019	6 P	2019-06-10	OPERATOR 000012723000902
Expense Journal		2019	4 P	2019-04-20	OPERATOR 000012471002436
Expense Journal		2019	4 P	2019-04-10	OPERATOR 000012427002391
Expense Journal		2019	4 P	2019-04-10	OPERATOR 000012427002391
Expense Journal		2019	4 P	2019-04-10	OPERATOR 000012366002430
Expense Journal		2019	4 P	2019-04-10	OPERATOR 000012366002430
Expense Journal		2019	4 P	2019-04-05	OPERATOR 000012364000902
Expense Journal		2019	4 P	2019-04-05	OPERATOR 000012349000290
Expense Journal		2019	4 P	2019-04-05	OPERATOR 000012349000290
Expense Journal		2019	4 P	2019-04-05	OPERATOR 000012371002401
Expense Journal		2019	4 P	2019-04-05	OPERATOR 000012369002401
Expense Journal		2019	3 P	2019-03-15	OPERATOR 000012205002436
Expense Journal		2019	1 P	2019-01-20	OPERATOR 000012060000902
AP MONTH END ACCRUAL - AP UN		2019	12 P	2019-12-01	JHU 01424864 POLLARDV
AP MONTH END ACCRUAL - AP UN		2019	12 P	2019-12-01	JHU 01425020 INTEGRA C
AP MONTH END ACCRUAL - AP UN		2019	11 P	2019-12-01	DADAVIS 01424864 POLLARDV
AP MONTH END ACCRUAL - AP UN		2019	11 P	2019-12-01	DADAVIS 01425020 INTEGRA C
AP MONTH END ACCRUAL - AP UN		2019	11 P	2019-11-01	JHU 01412436 LOCK ALAF
AP MONTH END ACCRUAL - AP UN		2019	10 P	2019-11-01	DADAVIS 01412436 LOCK ALAF
AP MONTH END ACCRUAL - AP UN		2019	10 P	2019-10-01	DHEALEY 01412436 LOCK ALAF
AP MONTH END ACCRUAL - AP UN		2019	10 P	2019-10-01	DHEALEY 01402748 WEST VALL
AP MONTH END ACCRUAL - AP UN		2019	9 P	2019-10-01	DADAVIS 01412436 LOCK ALAF
AP MONTH END ACCRUAL - AP UN		2019	9 P	2019-10-01	DADAVIS 01402748 WEST VALL
AP MONTH END ACCRUAL - AP UN		2019	8 P	2019-08-01	JHU 01400431 LOCK ALAF
AP MONTH END ACCRUAL - AP UN		2019	7 P	2019-08-01	DADAVIS 01400431 LOCK ALAF
AP Vouchers	DSCMCA	2019	12 P	2019-12-10	OPERATOR 01425194 Station 27 :
AP Vouchers	DSCMCA	2019	12 P	2019-12-01	OPERATOR 01425200 Station 21 :
AP Vouchers	DSCMCA	2019	11 P	2019-11-10	OPERATOR 01418186 Station 21 :
AP Payments	M_MCA	2019	11 P	2019-11-10	OPERATOR
AP Vouchers	DSCMCA	2019	11 P	2019-11-10	OPERATOR 01418191 Station 27 :
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 NUT-5/8 31
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 WASHER-5
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 BOLT-5/8 X
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 GASKET-2x
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 PLUG-2 LO
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 ELBOW-2"
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 FLANGE-2
AP Vouchers	M_MCA	2019	10 P	2019-10-30	OPERATOR 01419080 VALVE-BAL
AP Vouchers		2019	10 P	2019-10-20	OPERATOR 01418056 RCL V#014
AP Vouchers	DSCMCA	2019	9 P	2019-09-20	OPERATOR 01412447 Station 27 :
AP Vouchers	DSCMCA	2019	9 P	2019-09-20	OPERATOR 01412428 Station 21 :
AP Vouchers	DSCMCA	2019	9 P	2019-09-20	OPERATOR 01405968 Station 27 :
AP Vouchers	DSCMCA	2019	9 P	2019-09-20	OPERATOR 01405962 Station 21 :

AP Vouchers		2019	9 P	2019-09-1: OPERATOR01403335 VITA-D-CH
AP Vouchers		2019	8 P	2019-08-3: OPERATOR01408336 RCL V#013
AP Vouchers		2019	8 P	2019-08-2: OPERATOR01407295 RCL V#013
AP Vouchers		2019	8 P	2019-08-0: OPERATOR01402958 CALCIUM T
AP Vouchers	DSCMCA	2019	8 P	2019-08-0: OPERATOR01401324 Station 21:
AP Vouchers	DSCMCA	2019	8 P	2019-08-0: OPERATOR01400431 Station 27:
AP Vouchers		2019	7 P	2019-08-0: OPERATOR01395788 Emergency
AP Vouchers	DSCMCA	2019	7 P	2019-07-0: OPERATOR01394315 Station 21:
AP Vouchers	DSCMCA	2019	7 P	2019-07-0: OPERATOR01394308 Station 27:
AP Vouchers		2019	7 P	2019-07-0: OPERATOR01395146 2018 7250
AP Vouchers		2019	7 P	2019-07-0: OPERATOR01395145 2018 7250
AP Vouchers		2019	6 P	2019-06-2: OPERATOR01394489 2018 7250
AP Vouchers		2019	6 P	2019-06-2: OPERATOR01394449 RAGS NEW
AP Vouchers		2019	6 P	2019-06-1: OPERATOR01393228 2018 7250
AP Vouchers		2019	6 P	2019-06-1: OPERATOR01393224 2018 7250
AP Vouchers		2019	6 P	2019-06-1: OPERATOR01392864 2018 7250
AP Vouchers		2019	6 P	2019-06-1: OPERATOR01392863 2018 7250
AP Vouchers		2019	6 P	2019-06-1: OPERATOR01392708 2018 7250
AP Vouchers	DSCMCA	2019	6 P	2019-06-0: OPERATOR01389357 Station 21:
AP Vouchers	DSCMCA	2019	6 P	2019-06-0: OPERATOR01389355 Station 27:
AP Vouchers	M_MCA	2019	5 P	2019-05-1: OPERATOR01387514 8 STAR-TITI
AP Vouchers	M_MCA	2019	5 P	2019-05-1: OPERATOR01387514 BOLT&NUT
AP Vouchers	M_MCA	2019	5 P	2019-05-1: OPERATOR01387506 PIPESEWEI
AP Vouchers	M_MCA	2019	5 P	2019-05-1: OPERATOR01387506 6 HYMAX 2
AP Vouchers	M_MCA	2019	5 P	2019-05-1: OPERATOR01387506 SKET-6 TYT
AP Vouchers	M_MCA	2019	5 P	2019-05-1: OPERATOR01387506 6 POxPO A:
AP Vouchers	DSCMCA	2019	5 P	2019-05-0: OPERATOR01386433 Station 21:
AP Vouchers	DSCMCA	2019	5 P	2019-05-0: OPERATOR01386422 Station 27:
AP Vouchers		2019	4 P	2019-04-1: OPERATOR01383430 2018 7250
AP Vouchers	DSCMCA	2019	4 P	2019-04-0: OPERATOR01381043 Station 21:
AP Vouchers	DSCMCA	2019	4 P	2019-04-0: OPERATOR01381041 Station 27:
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01379574 2018 7250
AP Vouchers		2019	3 P	2019-03-2: OPERATOR01378387 CALCIUM T
AP Vouchers		2019	3 P	2019-03-1: OPERATOR01378062 2018 7250
AP Vouchers	DSCMCA	2019	3 P	2019-03-0: OPERATOR01375533 Station 27:
AP Vouchers	DSCMCA	2019	3 P	2019-03-0: OPERATOR01375526 Station 21:
AP Vouchers		2019	2 P	2019-02-2: OPERATOR01374316 RCL V#013
AP Vouchers	DSCMCA	2019	2 P	2019-02-2: OPERATOR01374081 Station 27:
AP Vouchers	DSCMCA	2019	2 P	2019-02-2: OPERATOR01374080 Station 21:
AP Vouchers	DSCMCA	2019	2 P	2019-02-0: OPERATOR01371509 Station 21:
AP Vouchers	DSCMCA	2019	2 P	2019-02-0: OPERATOR01371507 Station 27:
AP Vouchers		2019	1 P	2019-01-2: OPERATOR01370251 RAGS NEW
AP Vouchers		2019	1 P	2019-01-1: OPERATOR01368226 VITA-D-CH
AC_EST - Sep.2019		2019	10 P	2019-10-0: JHU MAR'19-JU

AC_EST - Sep.2019	2019	9 P	2019-10-01:DADAVIS	MAR'19-JU
AC_EST - AUG.2019	2019	9 P	2019-09-01:JHU	MAR19-JUL
AC_EST - AUG.2019	2019	8 P	2019-09-01:DADAVIS	MAR19-JUL
AC_EST - JUL.2019	2019	8 P	2019-08-01:JHU	FEB19-JUN
AC_EST - JUL.2019	2019	7 P	2019-08-01:DADAVIS	FEB19-JUN
AC_EST - JUN.2019	2019	7 P	2019-07-01:JHU	JAN'19-MA'
AC_EST - JUN.2019	2019	6 P	2019-07-01:DADAVIS	JAN'19-MA'
AC_EST-MAY.2019	2019	6 P	2019-06-01:JHU	DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-01:DADAVIS	DEC'18-AP
AC_EST - APR.2019	2019	5 P	2019-05-01:JHU	NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-01:DADAVIS	NOV'18-M/
AC_EST - MAR.2019	2019	4 P	2019-04-01:JHU	OCT'18-FE
AC_EST - MAR.2019	2019	3 P	2019-04-01:DADAVIS	OCT'18-FE
AC_EST - FEB.2019	2019	3 P	2019-03-01:JHU	Sep'18-Jan
AC_EST - FEB.2019	2019	2 P	2019-03-01:DADAVIS	Sep'18-Jan
AC_EST - JAN.2019	2019	2 P	2019-02-01:JHU	AUG.18-DE
AC_EST - JAN.2019	2019	1 P	2019-02-01:DADAVIS	AUG.18-DE
AC_EST - DEC.2018	2019	1 P	2019-01-01:JHU	JUL'18-NO'
Reclass between accounts	2019	12 P	2019-12-1:TSCANLON	INTEGRA C
Reclass between accounts	2019	11 P	2019-12-1:SZHU	INTEGRA C
Reclass between accounts	2019	12 P	2020-01-01:SZHU	INTEGRA C
Reclass between accounts	2019	10 P	2019-10-01:TSCANLON	INTEGRA C
Reclass between accounts	2019	9 P	2019-10-01:SZHU	INTEGRA C
Reclass between accounts	2019	9 P	2019-09-1:TSCANLON	INTEGRA C
Reclass between accounts	2019	8 P	2019-09-1:SZHU	INTEGRA C
Reclass between accounts	2019	2 P	2019-02-01:TSCANLON	INTEGRA C
Reclass between accounts	2019	1 P	2019-02-01:SZHU	INTEGRA C
Expense Journal	2023	12 P	2023-12-01:OPERATOR 000019550003153	
Expense Journal	2023	12 P	2023-12-01:OPERATOR 000019550003153	
Expense Journal	2023	12 P	2023-12-01:OPERATOR 000019550003153	
Expense Journal	2023	7 P	2023-07-01:OPERATOR 000018960003153	
Expense Journal	2023	6 P	2023-06-21:OPERATOR 000018440003153	
Expense Journal	2023	11 P	2023-11-01:OPERATOR 000019551003153	
Monthly pcard accrual	2020	12 P	2021-01-1:LBURBACH REA III,CA	PAYPAL *L
Monthly pcard accrual	2020	12 P	2021-01-1:LBURBACH REA III,CA	HOPKINS T
Monthly pcard accrual	2020	12 P	2021-01-1:LBURBACH REA III,CA	HOPKINS T
Monthly pcard accrual	2020	12 P	2020-12-1:LBURBACH REA III,CA	PAYPAL *L
Monthly pcard accrual	2020	11 P	2020-12-1:LBURBACH REA III,CA	PAYPAL *L
Monthly pcard accrual	2020	11 P	2020-11-1:JHU REA III,CA	PAYPAL *L
Monthly pcard accrual	2020	11 P	2020-11-1:JHU REA III,CA	HACH COM
Monthly pcard accrual	2020	11 P	2020-11-1:JHU REA III,CA	HACH COM
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH REA III,CA	PAYPAL *L
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH REA III,CA	HACH COM
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH REA III,CA	HACH COM





Monthly pcard accrual		2020	3 P	2020-04-01 LBURBACH BERNARDI UNION LMI
Monthly pcard accrual		2020	3 P	2020-04-01 LBURBACH REA III,CA USA BLUE I
Monthly pcard accrual		2020	3 P	2020-03-11 JHU REA III,CA STAPLES
Monthly pcard accrual		2020	2 P	2020-03-11 LBURBACH REA III,CA STAPLES
Monthly pcard accrual		2020	2 P	2020-02-11 JHU JONES,MAI WM SUPER
Monthly pcard accrual		2020	2 P	2020-02-11 JHU REA III,CA STAPLES
Monthly pcard accrual		2020	1 P	2020-02-11 LBURBACH JONES,MAI WM SUPER
Monthly pcard accrual		2020	1 P	2020-02-11 LBURBACH REA III,CA STAPLES
Expense Journal		2020	12 P	2021-01-01 LBURBACH 000015258001950
Expense Journal		2020	12 P	2020-12-21 OPERATOR 000015144002125
Expense Journal		2020	12 P	2020-12-21 OPERATOR 000015144002125
Expense Journal		2020	12 P	2020-12-21 OPERATOR 000015144002125
Expense Journal		2020	12 P	2020-12-21 OPERATOR 000015144002125
Expense Journal		2020	12 P	2020-12-21 OPERATOR 000015144002125
Expense Journal		2020	11 P	2020-11-30 OPERATOR 000015102001895
Expense Journal		2020	9 P	2020-09-11 OPERATOR 000014830001895
Expense Journal		2020	8 P	2020-08-21 OPERATOR 000014746002243
Expense Journal		2020	8 P	2020-08-21 OPERATOR 000014746002243
Expense Journal		2020	8 P	2020-08-21 OPERATOR 000014746002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	7 P	2020-07-31 OPERATOR 000014393002243
Expense Journal		2020	6 P	2020-06-21 OPERATOR 000014430001950
Expense Journal		2020	6 P	2020-06-21 OPERATOR 000014430001950
Expense Journal		2020	6 P	2020-06-21 OPERATOR 000014430001950
Expense Journal		2020	5 P	2020-05-21 OPERATOR 000014304002125
Expense Journal	COVIDT	2020	4 P	2020-04-21 OPERATOR 000014158001503
Expense Journal		2020	4 P	2020-04-21 OPERATOR 000014158001503
Expense Journal		2020	4 P	2020-04-21 OPERATOR 000014158001503
Expense Journal		2020	4 P	2020-04-21 OPERATOR 000014158001503
Expense Journal		2020	4 P	2020-04-21 OPERATOR 000014158001503
Expense Journal		2020	4 P	2020-04-21 OPERATOR 000014158001503
Expense Journal		2020	4 P	2020-04-21 OPERATOR 000014065001950
Expense Journal		2020	3 P	2020-03-11 OPERATOR 000014042001895
Expense Journal		2020	3 P	2020-03-11 OPERATOR 000014036002243
Expense Journal		2020	3 P	2020-03-11 OPERATOR 000014036002243
Expense Journal		2020	3 P	2020-03-11 OPERATOR 000014036002243
Expense Journal		2020	2 P	2020-02-21 OPERATOR 000013867001503
Expense Journal		2020	2 P	2020-02-11 OPERATOR 000013861002125
Expense Journal		2020	2 P	2020-02-11 OPERATOR 000013861002125
Expense Journal		2020	2 P	2020-02-11 OPERATOR 000013861002125

AP Vouchers	2020	12 P	2020-12-2: OPERATOR 01499400	RCL V#014
AP Vouchers	2020	11 P	2020-11-1: OPERATOR 01489628	VITA-D-CH
Reclass between accounts	2020	11 P	2020-11-1: TSCANLON	INTEGRA C
Reclass between accounts	2020	10 P	2020-11-1: SZHU	INTEGRA C
Reclass between accounts	2020	12 P	2020-12-0: TSCANLON	INTEGRA C
Reclass between accounts	2020	11 P	2020-12-0: SZHU	INTEGRA C
SUBSEQUENT VOUCHER ACCRUAL	2020	11 P	2020-11-0: JHU 01489628	INTEGRA C
SUBSEQUENT VOUCHER ACCRUAL	2020	10 P	2020-11-0: DADAVIS 01489628	INTEGRA C
Expense Journal	2021	8 P	2021-08-1: OPERATOR 000016036	000442
POWERPLANT JOURNAL	2019	12 P	2020-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	12 P	2020-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	12 P	2020-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	12 P	2020-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	12 P	2020-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2019	12 P	2020-01-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2020	11 P	2020-12-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2020	11 P	2020-12-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2020	11 P	2020-12-1: POWERPLNT	PPLANT EN
POWERPLANT JOURNAL	2020	11 P	2020-12-1: POWERPLNT	PPLANT EN
AP Vouchers	2020	2 P	2020-02-1: OPERATOR 01435123	CUSTOMER
AP Vouchers	2020	2 P	2020-02-1: OPERATOR 01435108	STATION 2:
HR Payroll Accrual Journals -	2023	12 P	2023-12-2: DULEE	Fuel For Po
HR Payroll Journals - PPE12/23	2023	12 P	2023-12-2: DULEE	Fuel For Po
Expense Journal	2023	1 P	2023-01-1: OPERATOR 000017933	001745
Accrue Unmatched PO Receipts	2019	6 P	2019-06-0: OPERATOR 000035622	Accrue Unr
Accrue Unmatched PO Receipts	2019	5 P	2019-06-0: OPERATOR 000035622	Accrue Unr
Inventory Transactions	2019	9 P	2019-10-0: OPERATOR INV	Inv Trans
AP MONTH END ACCRUAL	2019	3 P	2019-03-0: DADAVIS 01375050	RTAP TCS M
AP MONTH END ACCRUAL	2019	2 P	2019-03-0: DADAVIS 01375050	RTAP TCS M
AP MONTH END ACCRUAL	2019	1 P	2019-01-0: DADAVIS 01365765	RTAP TCS M
AP Vouchers	2019	6 P	2019-06-0: OPERATOR 01391555	RTAP TCS M
AP Vouchers	2019	5 P	2019-05-0: OPERATOR 01385718	RTAP TCS M
AP Vouchers	2019	4 P	2019-04-0: OPERATOR 01380766	RTAP TCS M
AP Vouchers	2019	3 P	2019-03-0: OPERATOR 01375050	RTAP TCS M
AP Vouchers	2019	1 P	2019-01-2: OPERATOR 01369610	RTAP TCS M
AP Vouchers	2019	1 P	2019-01-0: OPERATOR 01365765	RTAP TCS M
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	12 P	2019-12-1: JHU CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1: DADAVIS CWSC-000	TELECOMM

MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1	DADAVIS	CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1	DADAVIS	CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1	DADAVIS	CWSC-000	TELECOMM
MANUAL ACCRUAL - NOV.2019	2019	11 P	2019-12-1	DADAVIS	CWSC-000	TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1	JHU		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1	JHU		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1	JHU		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1	JHU		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	11 P	2019-11-1	JHU		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - OCT.20	2019	10 P	2019-11-1	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	10 P	2019-10-0	JHU		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	10 P	2019-10-0	JHU		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	10 P	2019-10-0	JHU		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	10 P	2019-10-0	JHU		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	9 P	2019-10-0	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	9 P	2019-10-0	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	9 P	2019-10-0	DADAVIS		TELECOMM
MANUAL (WF) ACCRUAL - SEP.20	2019	9 P	2019-10-0	DADAVIS		TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1	JHU		TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1	JHU		TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	9 P	2019-09-1	JHU		TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1	DADAVIS		TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1	DADAVIS		TELECOMM
MANUAL ACCRUAL - AUG.2019	2019	8 P	2019-09-1	DADAVIS		TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	8 P	2019-08-0	JHU		TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	8 P	2019-08-0	JHU		TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	7 P	2019-08-0	DADAVIS		TELECOMM
MANUAL ACCRUAL - JUL.2019	2019	7 P	2019-08-0	DADAVIS		TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-0	JHU		TELECOMM
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-0	DADAVIS		TELECOMM
IMAGENOW (WF) ACCRUAL - MAY	2019	6 P	2019-06-1	JHU		TELECOMM
IMAGENOW (WF) ACCRUAL - MAY	2019	5 P	2019-06-1	DADAVIS		TELECOMM
AC_EST-MAY.2019	2019	6 P	2019-06-0	JHU		DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-0	DADAVIS		DEC'18-AP
AC_EST - APR.2019	2019	5 P	2019-05-0	JHU		NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-0	DADAVIS		NOV'18-M/
AC_EST - MAR.2019	2019	4 P	2019-04-0	JHU		OCT'18-FE
AC_EST - MAR.2019	2019	3 P	2019-04-0	DADAVIS		OCT'18-FE
AC_EST - FEB.2019	2019	3 P	2019-03-0	JHU		Sep'18-Jan
AC_EST - FEB.2019	2019	2 P	2019-03-0	DADAVIS		Sep'18-Jan

AC_EST - JAN.2019	2019	2 P	2019-02-0	JHU	AUG.18-DE
AC_EST - JAN.2019	2019	1 P	2019-02-0	DADAVIS	AUG.18-DE
AC_EST - DEC.2018	2019	1 P	2019-01-0	JHU	JUL'18-NO
SUBSEQUENT VOUCHER ACCRU	2019	5 P	2019-05-0	JHU	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	4 P	2019-05-0	DADAVIS	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	4 P	2019-04-0	JHU	TELECOMM
SUBSEQUENT VOUCHER ACCRU	2019	3 P	2019-04-0	DADAVIS	TELECOMM
Inventory Transactions	2021	8 P	2021-08-0	OPERATOR INV	Inv Trans
AP Vouchers	2021	6 P	2021-06-2	OPERATOR 01531567	Wireline
AP Vouchers	2021	4 P	2021-04-2	OPERATOR 01521157	RCL V#015
AP Vouchers	2021	2 P	2021-02-1	OPERATOR 01508665	2021 CUMI
Reclass between accounts	2021	4 P	2021-04-0	TSCANLON	CUMMINS
Reclass between accounts	2021	3 P	2021-04-0	SZHU	CUMMINS
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-04-0	JHU 01584093	COMMUNI
AP MONTH END ACCRUAL - AP UN	2022	3 P	2022-04-0	DADAVIS 01584093	COMMUNI
AP Vouchers DSCMCA	2022	5 P	2022-05-3	OPERATOR 01595970	STATION 8,
AP Vouchers	2022	4 P	2022-04-2	OPERATOR 01584093	FCC Licens
Accrue Unmatched PO Receipts	2019	12 P	2019-12-0	OPERATOR 000037356	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-12-0	OPERATOR 000037356	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-11-0	OPERATOR 000036960	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-11-0	OPERATOR 000036914	Accrue Unr
Accrue Unmatched PO Receipts	2019	11 P	2019-11-0	OPERATOR 000036822	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-11-0	OPERATOR 000036960	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-11-0	OPERATOR 000036914	Accrue Unr
Accrue Unmatched PO Receipts	2019	10 P	2019-11-0	OPERATOR 000036822	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0	OPERATOR 000036556	Accrue Unr
Accrue Unmatched PO Receipts	2019	9 P	2019-09-0	OPERATOR 000036441	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0	OPERATOR 000036556	Accrue Unr
Accrue Unmatched PO Receipts	2019	8 P	2019-09-0	OPERATOR 000036441	Accrue Unr
Accrue Unmatched PO Receipts	2019	4 P	2019-04-0	OPERATOR 000035055	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-04-0	OPERATOR 000035055	Accrue Unr
Accrue Unmatched PO Receipts	2019	3 P	2019-03-0	OPERATOR 000035055	Accrue Unr
Accrue Unmatched PO Receipts	2019	2 P	2019-03-0	OPERATOR 000035055	Accrue Unr
Monthly pcard accrual	2019	12 P	2020-01-1	LBURBACH MIRANDA, F	USA BLUE I
Monthly pcard accrual	2019	12 P	2020-01-1	LBURBACH ERICKSON	USA BLUE I
Monthly pcard accrual	2019	12 P	2020-01-1	LBURBACH ERICKSON	USA BLUE I
Monthly pcard accrual	2019	12 P	2020-01-1	LBURBACH MIRANDA, F	USA BLUE I
Monthly pcard accrual	2019	12 P	2020-01-1	LBURBACH MIRANDA, F	USA BLUE I
Monthly pcard accrual	2019	12 P	2020-01-1	LBURBACH SANTOS, AI	MAI MCLEA
Monthly pcard accrual	2019	1 P	2019-01-0	JHU JOHNSON,	USA BLUE I
Monthly pcard accrual	2019	1 P	2019-01-0	JHU ERICKSON	NAPA AUTC
Monthly pcard accrual	2019	12 P	2019-12-1	JHU MIRANDA, F	GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1	JHU MIRANDA, F	GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1	JHU MIRANDA, F	FRESNO PI

Monthly pcard accrual	2019	12 P	2019-12-1	JHU	MIRANDA,F FRESNO PI
Monthly pcard accrual	2019	12 P	2019-12-1	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1	JHU	SANTOS,AL MAI MCLEA
Monthly pcard accrual	2019	12 P	2019-12-1	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	12 P	2019-12-1	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	12 P	2019-12-1	JHU	MIRANDA,F ENDRESS+
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F FRESNO PI
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F FRESNO PI
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	SANTOS,AL MAI MCLEA
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	11 P	2019-12-1	LBURBACH	MIRANDA,F ENDRESS+
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	MIRANDA,F PUMPING S
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	ERICKSON NAPA AUTC
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	ERICKSON NELSONS /
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	SANTOS,AL HYDROTEX
Monthly pcard accrual	2019	11 P	2019-11-1	JHU	SANTOS,AL CUSTOM LI
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	MIRANDA,F PUMPING S
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	ERICKSON NAPA AUTC
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	ERICKSON NELSONS /
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	SANTOS,AL HYDROTEX
Monthly pcard accrual	2019	10 P	2019-11-1	LBURBACH	SANTOS,AL CUSTOM LI
Monthly pcard accrual	2019	10 P	2019-10-0	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	10 P	2019-10-0	JHU	ERICKSON HOPKINS T
Monthly pcard accrual	2019	10 P	2019-10-0	JHU	SANTOS,AL CUSTOM LI
Monthly pcard accrual	2019	9 P	2019-10-0	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	9 P	2019-10-0	LBURBACH	ERICKSON HOPKINS T
Monthly pcard accrual	2019	9 P	2019-10-0	LBURBACH	SANTOS,AL CUSTOM LI
Monthly pcard accrual	2019	9 P	2019-09-1	JHU	ERICKSON E-CONOLIC



Monthly pcard accrual	2019	7 P	2019-07-0	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	7 P	2019-07-0	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	MIRANDA,F GRAINGER
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	MIRANDA,F USA BLUE I
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-07-0	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	ERICKSON MCMASTE
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	ERICKSON CLA - VAL
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	ERICKSON MCMASTE
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	6 P	2019-06-1	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	ERICKSON MCMASTE
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	ERICKSON CLA - VAL
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	ERICKSON MCMASTE
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	5 P	2019-06-1	LBURBACH	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	5 P	2019-05-1	JHU	ERICKSON MCMASTE
Monthly pcard accrual	2019	5 P	2019-05-1	JHU	ERICKSON MCMASTE
Monthly pcard accrual	2019	5 P	2019-05-1	JHU	ERICKSON MCMASTE
Monthly pcard accrual	2019	4 P	2019-05-1	LBURBACH	ERICKSON MCMASTE
Monthly pcard accrual	2019	4 P	2019-05-1	LBURBACH	ERICKSON MCMASTE
Monthly pcard accrual	2019	4 P	2019-05-1	LBURBACH	ERICKSON MCMASTE
Monthly pcard accrual	2019	4 P	2019-04-0	JHU	JOHNSON, IN *CENTR
Monthly pcard accrual	2019	3 P	2019-04-0	LBURBACH	JOHNSON, IN *CENTR
Monthly pcard accrual	2019	3 P	2019-03-0	JHU	JOHNSON, USA BLUE I
Monthly pcard accrual	2019	2 P	2019-03-0	LBURBACH	JOHNSON, USA BLUE I
Expense Journal	2019	11 P	2019-11-2	OPERATOR	000013442000640

Expense Journal	2019	11 P	2019-11-2: OPERATOR 000013442 000640
Expense Journal	2019	11 P	2019-11-2: OPERATOR 000013311 001576
Expense Journal	2019	11 P	2019-11-1: OPERATOR 000013230 001576
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000013196 002536
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000013147 000640
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000013147 000640
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000013147 000640
Expense Journal	2019	9 P	2019-09-2: OPERATOR 000013147 000640
Expense Journal	2019	8 P	2019-08-2: OPERATOR 000012683 000567
Expense Journal	2019	8 P	2019-08-2: OPERATOR 000012683 000567
Expense Journal	2019	8 P	2019-08-2: OPERATOR 000012683 000567
Expense Journal	2019	8 P	2019-08-2: OPERATOR 000012683 000567
Expense Journal	2019	6 P	2019-06-0: OPERATOR 000012569 000640
Expense Journal	2019	6 P	2019-06-0: OPERATOR 000012569 000640
Expense Journal	2019	6 P	2019-06-0: OPERATOR 000012569 000640
Expense Journal	2019	4 P	2019-04-0: OPERATOR 000012421 000640
Expense Journal	2019	4 P	2019-04-0: OPERATOR 000012421 000640
Expense Journal	2019	3 P	2019-03-2: OPERATOR 000012331 000640
Expense Journal	2019	3 P	2019-03-2: OPERATOR 000012331 000640
Expense Journal	2019	3 P	2019-03-2: OPERATOR 000012331 000640
Expense Journal	2019	2 P	2019-02-2: OPERATOR 000012198 000640
Expense Journal	2019	2 P	2019-02-2: OPERATOR 000012127 000640
Expense Journal	2019	1 P	2019-01-2: OPERATOR 000012058 000640
Expense Journal	2019	1 P	2019-01-2: OPERATOR 000012038 000640
Expense Journal	2019	1 P	2019-01-2: OPERATOR 000011868 000640
AP Vouchers	2019	12 P	2019-12-3: OPERATOR 01429066 STAT 15-0/
AP Vouchers	2019	12 P	2019-12-3: OPERATOR 01429052 STAT 15- TF
AP Vouchers	2019	12 P	2019-12-3: OPERATOR 01425312 STATION 1:
AP Vouchers	2019	12 P	2019-12-3: OPERATOR 01430808 31650993
AP Vouchers	2019	12 P	2019-12-1: OPERATOR 01428110 18797149
AP Vouchers	2019	12 P	2019-12-1: OPERATOR 01427780 MONTHLY
AP Vouchers	2019	11 P	2019-11-2: OPERATOR 01423662 31650993
AP Vouchers	2019	11 P	2019-11-0: OPERATOR 01421447 18797149
AP Vouchers	2019	11 P	2019-11-0: OPERATOR 01417260 STATION 1:
AP Vouchers	2019	11 P	2019-11-0: OPERATOR 01414288 STATION 4:
AP Vouchers	2019	11 P	2019-11-0: OPERATOR 01420075 MONTHLY
AP Vouchers	2019	10 P	2019-10-2: OPERATOR 01418748 31650993
AP Vouchers	2019	10 P	2019-10-2: OPERATOR 01414127 MONTHLY
AP Vouchers	2019	10 P	2019-10-1: OPERATOR 01416264 18797149
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01412786 31650993
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01412514 STATION 1:
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01412514 STATION 1:
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01412514 STATION 1:
AP Vouchers	2019	9 P	2019-09-2: OPERATOR 01405963 STATION 1:



AP Vouchers	2019	9 P	2019-09-10	OPERATOR01408207	MONTHLY
AP Vouchers	2019	9 P	2019-09-10	OPERATOR01410549	187971490
AP Vouchers	2019	9 P	2019-09-10	OPERATOR01410548	187971490
AP Vouchers	2019	8 P	2019-08-20	OPERATOR01406697	316509930
AP Vouchers	2019	8 P	2019-08-20	OPERATOR01406196	MONTHLY
AP Vouchers	2019	8 P	2019-08-20	OPERATOR01405996	STATION 19
AP Vouchers	2019	8 P	2019-08-20	OPERATOR01405993	SAMPLE ST
AP Vouchers	2019	8 P	2019-08-10	OPERATOR01404420	STATION 20
AP Vouchers	2019	8 P	2019-08-00	OPERATOR01403654	187971490
AP Vouchers	2019	7 P	2019-07-20	OPERATOR01399711	316509930
AP Vouchers	2019	7 P	2019-07-10	OPERATOR01396956	187971490
AP Vouchers	2019	7 P	2019-07-10	OPERATOR01396849	MONTHLY
AP Vouchers	2019	6 P	2019-06-20	OPERATOR01394702	316509930
AP Vouchers	2019	6 P	2019-06-10	OPERATOR01393343	187971490
AP Vouchers	2019	6 P	2019-06-00	OPERATOR01391668	MONTHLY
AP Vouchers	2019	5 P	2019-05-20	OPERATOR01388804	316509930
AP Vouchers	2019	5 P	2019-05-00	OPERATOR01385826	MONTHLY
AP Vouchers	2019	4 P	2019-04-20	OPERATOR01383956	316509930
AP Vouchers	2019	4 P	2019-04-10	OPERATOR01382413	MONTHLY
AP Vouchers	2019	4 P	2019-04-10	OPERATOR01382002	187971490
AP Vouchers	2019	3 P	2019-03-20	OPERATOR01379705	316509930
AP Vouchers	2019	3 P	2019-03-00	OPERATOR01376446	187971490
AP Vouchers	2019	3 P	2019-03-00	OPERATOR01375866	MONTHLY
AP Vouchers	2019	2 P	2019-02-20	OPERATOR01373753	316509930
AP Vouchers	2019	2 P	2019-02-00	OPERATOR01372135	187971490
AP Vouchers	2019	1 P	2019-01-30	OPERATOR01370999	MONTHLY
AP Vouchers	2019	1 P	2019-01-20	OPERATOR01369694	316509930
AP Vouchers	2019	1 P	2019-01-10	OPERATOR01367840	187971490
AP Vouchers	2019	1 P	2019-01-00	OPERATOR01367512	MONTHLY
WF (IMAGENOW) ACCRUAL-JUN.2	2019	7 P	2019-07-00	JHU	HUFF'S LA
WF (IMAGENOW) ACCRUAL-JUN.2	2019	6 P	2019-07-00	DADAVIS	HUFF'S LA
IMAGENOW WORKFLOW ACCRUAL	2019	4 P	2019-04-00	JHU	HUFF'S LA
IMAGENOW WORKFLOW ACCRUAL	2019	3 P	2019-04-00	DADAVIS	HUFF'S LA
AC_EST - DEC.2019	2019	12 P	2020-01-00	DADAVIS	JUL'19-DEC
AC_EST - NOV.2019	2019	12 P	2019-12-00	JHU	JUN'19-OC
AC_EST - NOV.2019	2019	11 P	2019-12-00	DADAVIS	JUN'19-OC
AC_EST - OCT.2019	2019	11 P	2019-11-00	JHU	MAY'19-SE
AC_EST - OCT.2019	2019	10 P	2019-11-00	DADAVIS	MAY'19-SE
AC_EST - Sep.2019	2019	10 P	2019-10-00	JHU	MAR'19-JU
AC_EST - Sep.2019	2019	9 P	2019-10-00	DADAVIS	MAR'19-JU
AC_EST - AUG.2019	2019	9 P	2019-09-00	JHU	MAR19-JUL
AC_EST - AUG.2019	2019	8 P	2019-09-00	DADAVIS	MAR19-JUL
AC_EST-MAY.2019	2019	6 P	2019-06-00	JHU	DEC'18-AP
AC_EST-MAY.2019	2019	5 P	2019-06-00	DADAVIS	DEC'18-AP

AC_EST - APR.2019	2019	5 P	2019-05-01:JHU	NOV'18-M/
AC_EST - APR.2019	2019	4 P	2019-05-01:DADAVIS	NOV'18-M/
AC_EST - MAR.2019	2019	4 P	2019-04-01:JHU	OCT'18-FE
AC_EST - MAR.2019	2019	3 P	2019-04-01:DADAVIS	OCT'18-FE
AC_EST - FEB.2019	2019	3 P	2019-03-01:JHU	Sep'18-Jan
AC_EST - FEB.2019	2019	2 P	2019-03-01:DADAVIS	Sep'18-Jan
AC_EST - JAN.2019	2019	2 P	2019-02-01:JHU	AUG.18-DE
AC_EST - JAN.2019	2019	1 P	2019-02-01:DADAVIS	AUG.18-DE
SUBSEQUENT VOUCHER ACCRU/	2019	10 P	2019-10-01:JHU	J & H TREE
SUBSEQUENT VOUCHER ACCRU/	2019	10 P	2019-10-01:JHU	HUFF'S LAI
SUBSEQUENT VOUCHER ACCRU/	2019	9 P	2019-10-01:DADAVIS	J & H TREE
SUBSEQUENT VOUCHER ACCRU/	2019	9 P	2019-10-01:DADAVIS	HUFF'S LAI
SUBSEQUENT VOUCHER ACCRU/	2019	6 P	2019-06-11:JHU	HUFF'S LAI
SUBSEQUENT VOUCHER ACCRU/	2019	5 P	2019-06-11:DADAVIS	HUFF'S LAI
SUBSEQUENT VOUCHER ACCRU/	2019	5 P	2019-05-01:JHU	HUFF'S LAI
SUBSEQUENT VOUCHER ACCRU/	2019	4 P	2019-05-01:DADAVIS	HUFF'S LAI
SUBSEQUENT VOUCHER ACCRU/	2019	12 P	2020-01-11:DADAVIS 01431593	HUFF'S LAI
Non-MCBA Power(PGE & SCE Invo	2019	12 P	2020-01-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	12 P	2019-12-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	11 P	2019-12-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	11 P	2019-11-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	10 P	2019-11-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	10 P	2019-10-01:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	9 P	2019-10-01:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	9 P	2019-09-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	8 P	2019-09-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	8 P	2019-08-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	7 P	2019-08-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	7 P	2019-07-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	6 P	2019-07-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	6 P	2019-06-11:JHU	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	5 P	2019-06-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	5 P	2019-05-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	4 P	2019-05-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	4 P	2019-04-01:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	3 P	2019-04-01:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	3 P	2019-03-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	2 P	2019-03-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	2 P	2019-02-11:TSCANLON	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	1 P	2019-02-11:GCHIPER	Miscellane
Non-MCBA Power(PGE & SCE Invo	2019	1 P	2019-01-11:TSCANLON	Miscellane
POWERPLANT JOURNAL	2019	10 P	2019-11-11:POWERPLNT	PPLANT EN
Expense Journal	2019	11 P	2019-11-11:OPERATOR 00001333&002536	
Expense Journal	2019	11 P	2019-11-11:OPERATOR 00001333&002536	

Expense Journal	2019	11 P	2019-11-1: OPERATOR 000013338 002536
Expense Journal	2019	11 P	2019-11-1: OPERATOR 000013338 002536
Expense Journal	2019	6 P	2019-06-2: OPERATOR 000012743 002536
Expense Journal	2022	12 P	2022-12-0: OPERATOR 000017658 002536
Expense Journal	2022	12 P	2022-12-0: OPERATOR 000017658 002536
AP MONTH END ACCRUAL - AP UN	2022	12 P	2023-01-0: DADAVIS 01632731 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2023-01-0: DADAVIS 01627287 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2023-01-0: DADAVIS 01627160 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2023-01-0: DADAVIS 01627157 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2023-01-0: DADAVIS 01627156 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01627290 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01627287 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01627160 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01627157 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01627156 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616774 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616770 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616705 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616704 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616700 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616699 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616698 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616696 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616694 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01616381 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01627290 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01627287 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01627160 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01627157 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01627156 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616774 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616770 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616705 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616704 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616700 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616699 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616698 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616696 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616694 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01616381 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01616841 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01616774 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01616770 VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01616720 VALLEY PA





AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616382	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616381	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616370	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616347	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616224	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616223	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616222	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616221	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616220	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616219	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616217	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0	DADAVIS	01616214	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01586739	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0	JHU	01586738	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01586739	VALLEY PA
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0	DADAVIS	01586738	VALLEY PA
AP Vouchers	2022	12 P	2022-12-2	OPERATOR	01632890	2022 AUX E
AP Vouchers	2022	12 P	2022-12-2	OPERATOR	01632885	2022 AUX E
AP Vouchers	2022	12 P	2022-12-2	OPERATOR	01632880	2022 AUX E
AP Vouchers	2022	12 P	2022-12-2	OPERATOR	01632878	2022 AUX E
AP Vouchers	2022	12 P	2022-12-2	OPERATOR	01632870	2022 AUX E
AP Vouchers	2022	12 P	2022-12-2	OPERATOR	01632868	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632893	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632888	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632887	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632884	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632883	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632882	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632874	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632873	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632872	2022 AUX E
AP Vouchers	2022	12 P	2022-12-1	OPERATOR	01632869	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616700	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616774	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616770	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616705	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616704	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616699	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616698	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616696	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616694	2022 AUX E
AP Vouchers	2022	12 P	2022-12-0	OPERATOR	01616381	2022 AUX E
AP Vouchers	2022	11 P	2022-11-0	OPERATOR	01616720	2022 AUX E
AP Vouchers	2022	11 P	2022-11-0	OPERATOR	01616575	2022 AUX E

AP Vouchers	2022	11 P	2022-11-01	OPERATOR 01616384	2022 AUX E
AP Vouchers	2022	11 P	2022-11-01	OPERATOR 01616383	2022 AUX E
AP Vouchers	2022	11 P	2022-11-01	OPERATOR 01616382	2022 AUX E
AP Vouchers	2022	11 P	2022-11-01	OPERATOR 01616370	2022 AUX E
AP Vouchers	2022	11 P	2022-11-01	OPERATOR 01616347	2022 AUX E
AP Vouchers	2022	5 P	2022-05-01	OPERATOR 01586739	2022 AUX E
AP Vouchers	2022	5 P	2022-05-01	OPERATOR 01586738	2022 AUX E
SUBSEQUENT VOUCHER ACCRU	2022	12 P	2022-12-01	JHU 01632731	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-12-01	DADAVIS 01632731	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-11-01	JHU 01627290	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-11-01	JHU 01627287	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-11-01	JHU 01627160	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-11-01	JHU 01627157	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	11 P	2022-11-01	JHU 01627156	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	10 P	2022-11-01	DADAVIS 01627290	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	10 P	2022-11-01	DADAVIS 01627287	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	10 P	2022-11-01	DADAVIS 01627160	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	10 P	2022-11-01	DADAVIS 01627157	VALLEY PA
SUBSEQUENT VOUCHER ACCRU	2022	10 P	2022-11-01	DADAVIS 01627156	VALLEY PA
Accrue Unmatched PO Receipts	2020	10 P	2020-10-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	10 P	2020-10-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	9 P	2020-09-01	OPERATOR 00003986	Accrue Unr
Accrue Unmatched PO Receipts	2020	9 P	2020-09-01	OPERATOR 00003986	Accrue Unr
Accrue Unmatched PO Receipts	2020	9 P	2020-09-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	9 P	2020-09-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	9 P	2020-10-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	9 P	2020-10-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	8 P	2020-09-01	OPERATOR 00003986	Accrue Unr
Accrue Unmatched PO Receipts	2020	8 P	2020-09-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	8 P	2020-09-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	8 P	2020-08-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	8 P	2020-08-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	8 P	2020-09-01	OPERATOR 00003986	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-08-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-08-01	OPERATOR 00003957	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-07-01	OPERATOR 00003926	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-07-01	OPERATOR 00003926	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-07-01	OPERATOR 00003888	Accrue Unr
Accrue Unmatched PO Receipts	2020	6 P	2020-07-01	OPERATOR 00003926	Accrue Unr
Accrue Unmatched PO Receipts	2020	6 P	2020-07-01	OPERATOR 00003926	Accrue Unr
Accrue Unmatched PO Receipts	2020	6 P	2020-07-01	OPERATOR 00003888	Accrue Unr
Accrue Unmatched PO Receipts	2020	6 P	2020-07-01	OPERATOR 00003888	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-07-01	OPERATOR 00003888	Accrue Unr
Accrue Unmatched PO Receipts	2020	7 P	2020-07-01	OPERATOR 00003856	Accrue Unr





Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH AARON KO POWERS E
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS UNITED RE
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS UNITED RE
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS HYDROTEX
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH AARON KO VALLEY PA
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH AARON KO VALLEY PA
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GILL,CHRIS USA BLUE I
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH CISNEROS BADGER M
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH UVER MOR INSTRUME
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH STEPHEN J GIH*GLOB
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) MORTON,C ERNEST PA
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) SAAVEDRA DITCH WIT
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) FURTADO,J GRAINGER
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) HERNANDI LOWES #0:
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) HERNANDI LOWES #0:
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) HERNANDI LOWES #0:
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) HERNANDI LOWES #0:
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) HERNANDI LOWES #0:
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-01-1(JHU) DANSEREA USA BLUE I



Monthly pcard accrual	2020	12 P	2020-12-1! LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	12 P	2020-12-1! LBURBACH LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	12 P	2020-12-1! LBURBACH GILL,CHRIS IN *CENTR
Monthly pcard accrual	2020	12 P	2020-12-1! LBURBACH GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	12 P	2020-12-1! LBURBACH GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH PANTOJA,A TARGET
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH AARON KO VALLEY PA
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH BROWN,TR KENS STAK
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH AARON KO VALLEY PA
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH PANTOJA,A OFFICEMA
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH PANTOJA,A TARGET
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH UVER MOR INSTRUME
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH JOHNSON, GIH*GLOB
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS JACK BENIC
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS MALLORY S
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS ERNEST PA
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS HYDROTEX
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS IN *CENTR
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	11 P	2020-12-1! LBURBACH GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	11 P	2020-11-1: JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	11 P	2020-11-1: JHU PANTOJA,A OFFICEMA
Monthly pcard accrual	2020	11 P	2020-11-1: JHU LORI JOHN AAA QUALI



Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH GILL,CHRIS IN *CENTR
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH CISNEROS CALIF INDU
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH BROWN,TR KENS STAK
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH BROWN,TR KENS STAK
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH AARON KO VALLEY PA
Monthly pcard accrual	2020	10 P	2020-11-1:LBURBACH AARON KO VALLEY PA
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU GILL,CHRIS IN *CENTR
Monthly pcard accrual	2020	10 P	2020-10-1:JHU GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	10 P	2020-10-1:JHU GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	10 P	2020-10-1:JHU GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	10 P	2020-10-1:JHU PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1:JHU PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	10 P	2020-10-1:JHU PANTOJA,A OFFICEMA

Monthly pcard accrual	2020	10 P	2020-10-1: JHU	PANTOJA,A TARGET
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	PANTOJA,A TARGET
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	MORTON,C LOWES #0:
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	CISNEROS CALIF INDU
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	BROWN,TR KENS STAK
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	AARON KO VALLEY PA
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	AARON KO USA BLUE I
Monthly pcard accrual	2020	10 P	2020-10-1: JHU	AARON KO USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	GILL,CHRIS IN *CENTR
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	PANTOJA,A OFFICEMA
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	PANTOJA,A TARGET
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	PANTOJA,A TARGET
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	MORTON,C LOWES #0:
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH	DANSEREA USA BLUE I

Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- CISNEROS CALIF INDU
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- BROWN,TR KENS STAK
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- AARON KO VALLEY PA
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- AARON KO USA BLUE I
Monthly pcard accrual	2020	9 P	2020-10-1: LBURBACH- AARON KO USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A SAVEMART
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A TARGET
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A TARGET
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A OFFICEMA
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A TARGET
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) MORTON,C LOWES #0:
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) AARON KO USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) CISNEROS CALIF INDU
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) AARON KO USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) AARON KO VALLEY PA
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) DANSEREA USA BLUE I
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) SALCEDO J CALIF INDU
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) GILL,CHRIS INSTRUME
Monthly pcard accrual	2020	9 P	2020-09-1(JHU) BROWN,TR KENS STAK
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- PANTOJA,A SAVEMART
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- PANTOJA,A TARGET
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- PANTOJA,A TARGET
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- PANTOJA,A OFFICEMA
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBURBACH- PANTOJA,A TARGET

Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- MORTON,C LOWES #0:
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- AARON KO USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- CISNEROS CALIF INDU
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- AARON KO USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- AARON KO VALLEY PA
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- SALCEDO J CALIF INDU
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- GILL,CHRIS INSTRUME
Monthly pcard accrual	2020	8 P	2020-09-1(LBUBACH- BROWN,TR KENS STAK
Monthly pcard accrual	2020	8 P	2020-08-1: JHU AARON KO USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU AARON KO USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU RAMIREZ,R CALIF INDU
Monthly pcard accrual	2020	8 P	2020-08-1: JHU GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	8 P	2020-08-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	8 P	2020-08-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	8 P	2020-08-1: JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	8 P	2020-08-1: JHU MORTON,C LOWES #0:
Monthly pcard accrual	2020	8 P	2020-08-1: JHU PANTOJA,A SAVEMART
Monthly pcard accrual	2020	8 P	2020-08-1: JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	8 P	2020-08-1: JHU FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	8 P	2020-08-1: JHU GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	8 P	2020-08-1: JHU CISNEROS CALIF INDU
Monthly pcard accrual	2020	8 P	2020-08-1: JHU GILL,CHRIS INSTRUME
Monthly pcard accrual	2020	8 P	2020-08-1: JHU BROWN,TR KENS STAK



Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- AARON KO USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- AARON KO USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- RAMIREZ,R CALIF INDU
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- PANTOJA,A TARGET
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- MORTON,C LOWES #0:
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- PANTOJA,A SAVEMART
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- GILL,CHRIS FASTENAL
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- CISNEROS CALIF INDU
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- GILL,CHRIS INSTRUME
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH- BROWN,TR KENS STAK
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A SAVEMART
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU NENA,MAT MOTION IN
Monthly pcard accrual	2020	7 P	2020-07-0: JHU NENA,MAT MOTION IN
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	7 P	2020-07-0: JHU MORTON,C LOWES #0:
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU BROWN,TR KENS STAK
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	7 P	2020-07-0: JHU FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	7 P	2020-07-0: JHU FLORES,M/ HACH COM
Monthly pcard accrual	2020	7 P	2020-07-0: JHU DANSEREA USA BLUE I

Monthly pcard accrual	2020	7 P	2020-07-0	JHU LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	7 P	2020-07-0	JHU JACK CHRI: USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A SAVEMART
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A TARGET
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH NENA,MAT MOTION IN
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH NENA,MAT MOTION IN
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A TARGET
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A LOWES #0:
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH MORTON,C LOWES #0:
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH BROWN,TR KENS STAK
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH GILL,CHRIS SUPERIOR
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH FLORES,M/ HACH COM
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH JACK CHRI: USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1	JHU PANTOJA,A SAVEMART
Monthly pcard accrual	2020	6 P	2020-06-1	JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	6 P	2020-06-1	JHU HERNANDI THE HOME
Monthly pcard accrual	2020	6 P	2020-06-1	JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	6 P	2020-06-1	JHU NENA,MAT MOTION IN
Monthly pcard accrual	2020	6 P	2020-06-1	JHU NENA,MAT MOTION IN
Monthly pcard accrual	2020	6 P	2020-06-1	JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	6 P	2020-06-1	JHU HERNANDI THE HOME
Monthly pcard accrual	2020	6 P	2020-06-1	JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1	JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	6 P	2020-06-1	JHU LAY,RICHA THE HOME
Monthly pcard accrual	2020	6 P	2020-06-1	JHU MORTON,C LOWES #0:
Monthly pcard accrual	2020	6 P	2020-06-1	JHU LAY,RICHA THE HOME
Monthly pcard accrual	2020	6 P	2020-06-1	JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1	JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1	JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1	JHU BROWN,TR KENS STAK

Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FILIPONI, B FASTENAL
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	VILLAVICEI ITRON INC
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	CHRISTY, J/ USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	JOHN, LAUF BAVCO
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	GILL, CHRIS HYDROTEX
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FILIPONI, B SUPERIOR
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FLORES, M/ HACH COM
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	MORENO, L IN *CENTR
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	DANSERIA USA BLUE I
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	KONISHI, A MAGID GLC
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	LAY, RICH SAFF-T-FLO
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	PANTOJA, A SAVEMART
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	HERNANDI THE HOME
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	PANTOJA, A TARGET
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	NENA, MAT MOTION IN
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	NENA, MAT MOTION IN
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	PANTOJA, A TARGET
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	HERNANDI THE HOME
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	LAY, RICH THE HOME
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	MORTON, C LOWES #0:
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	LAY, RICH THE HOME
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, TR KENS STAK
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FILIPONI, B FASTENAL
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	VILLAVICEI ITRON INC
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	CHRISTY, J/ USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	JOHN, LAUF BAVCO
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	DANSERIA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	GILL, CHRIS HYDROTEX
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FILIPONI, B SUPERIOR

Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-FLORES,M/HACH COM
Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-MORENO,L IN *CENTR
Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-KONISHI,A MAGID GLC
Monthly pcard accrual	2020	5 P	2020-06-1:LBURBACH-LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	5 P	2020-05-1:JHU KONISHI,A MAGID GLC
Monthly pcard accrual	2020	5 P	2020-05-1:JHU LAY,RICHA THE HOME
Monthly pcard accrual	2020	5 P	2020-05-1:JHU MARTINEZ, EWING IRR
Monthly pcard accrual	2020	5 P	2020-05-1:JHU FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	5 P	2020-05-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-05-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-05-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-05-1:JHU LAY,RICHA LOWES #0:
Monthly pcard accrual	2020	5 P	2020-05-1:JHU LAY,RICHA THE HOME
Monthly pcard accrual	2020	5 P	2020-05-1:JHU LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-05-1:JHU PANTOJA,A TARGET
Monthly pcard accrual	2020	5 P	2020-05-1:JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	5 P	2020-05-1:JHU FLORES,M/HACH COM
Monthly pcard accrual	2020	5 P	2020-05-1:JHU HERNANDI THE HOME
Monthly pcard accrual	2020	5 P	2020-05-1:JHU HERNANDI THE HOME
Monthly pcard accrual	2020	5 P	2020-05-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-05-1:JHU BROWN,TR KENS STAK
Monthly pcard accrual	2020	5 P	2020-05-1:JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	5 P	2020-05-1:JHU JOHN,LAUF BAVCO
Monthly pcard accrual	2020	5 P	2020-05-1:JHU VILLAVICEI ITRON INC
Monthly pcard accrual	2020	5 P	2020-05-1:JHU PANTOJA,A FASTENAL
Monthly pcard accrual	2020	5 P	2020-05-1:JHU LAY,RICHA SAF-T-FLO
Monthly pcard accrual	2020	5 P	2020-05-1:JHU CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-KONISHI,A MAGID GLC
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-LAY,RICHA THE HOME
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-MARTINEZ, EWING IRR
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-FILIPONI,B SUPERIOR
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-LAY,RICHA LOWES #0:
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-LAY,RICHA THE HOME
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-PANTOJA,A TARGET
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-FLORES,M/HACH COM
Monthly pcard accrual	2020	4 P	2020-05-1:LBURBACH-HERNANDI THE HOME

Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- HERNANDI THE HOME
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- BROWN, TR KENS STAK
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- JOHN, LAUF BAVCO
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- VILLAVICEI ITRON INC
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- PANTOJA, A FASTENAL
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- LAY, RICHA SAF-T-FLO
Monthly pcard accrual	2020	4 P	2020-05-1: LBURBACH- CHRISTY, J/ USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU PANTOJA, A TARGET
Monthly pcard accrual	2020	4 P	2020-04-0: JHU PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	4 P	2020-04-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU FLORES, M/ HACH COM
Monthly pcard accrual	2020	4 P	2020-04-0: JHU FILIPONI, B R AND B C/
Monthly pcard accrual	2020	4 P	2020-04-0: JHU PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	4 P	2020-04-0: JHU HERNANDI THE HOME
Monthly pcard accrual	2020	4 P	2020-04-0: JHU HERNANDI THE HOME
Monthly pcard accrual	2020	4 P	2020-04-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU PANTOJA, A USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU FILIPONI, B FASTENAL
Monthly pcard accrual	2020	4 P	2020-04-0: JHU LAY, RICHA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU LAY, RICHA SAF-T-FLO
Monthly pcard accrual	2020	4 P	2020-04-0: JHU LAY, RICHA USA BLUE I
Monthly pcard accrual	2020	4 P	2020-04-0: JHU CHRISTY, J/ USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- PANTOJA, A TARGET
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- FLORES, M/ HACH COM
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- FILIPONI, B R AND B C/
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- HERNANDI THE HOME
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- HERNANDI THE HOME
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- PANTOJA, A USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- FILIPONI, B FASTENAL
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- LAY, RICHA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- LAY, RICHA SAF-T-FLO
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- LAY, RICHA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-04-0: LBURBACH- CHRISTY, J/ USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU PANTOJA, A MORRIS LE
Monthly pcard accrual	2020	3 P	2020-03-1: JHU HERNANDI THE HOME
Monthly pcard accrual	2020	3 P	2020-03-1: JHU HERNANDI THE HOME

Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A VISALIA CY
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A BEST BUY
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	CHRISTY,J/ JOHANSON
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	HERNANDI GUARDIAN
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	3 P	2020-03-1: JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	HERNANDI THE HOME
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	HERNANDI THE HOME
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	PANTOJA,A VISALIA CY
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	PANTOJA,A BEST BUY
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH	PANTOJA,A USA BLUE I

Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- CHRISTY,J/ JOHANSON
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- HERNANDI GUARDIAN
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH- DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU MORTON,C SUPERIOR
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PANTOJA,A VISALIA CY
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PANTOJA,A BEST BUY
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU SAAVEDRA DITCH WIT
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1: JHU DANSEREA USA BLUE I

Monthly pcard accrual	2020	2 P	2020-02-1	JHU	FURTADO,J GRAINGER
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	CHRISTY,J/ MCMASTE
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	PANTOJA,A TARGET
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	FURTADO,J HACH COM
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	CHRISTY,J/ JOHANSON
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	DANSEREA USA BLUE I
Monthly pcard accrual	2020	2 P	2020-02-1	JHU	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	MORTON,C SUPERIOR
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A VISALIA CY
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A BEST BUY
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A MORRIS LE
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	SAAVEDRA DITCH WIT
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	LAY,RICHA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	FURTADO,J GRAINGER
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	DANSEREA USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	CHRISTY,J/ USA BLUE I
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	CHRISTY,J/ MCMASTE
Monthly pcard accrual	2020	1 P	2020-02-1	LBURBACH	PANTOJA,A TARGET





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Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013743001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013743001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013743001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013661001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013661001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013661001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013661001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013661001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013661001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013588001806
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013838002322
Expense Journal	2020	3 P	2020-03-0: OPERATOR 000013859002536
Expense Journal	2020	2 P	2020-02-2: OPERATOR 00001364(000294
Expense Journal	2020	2 P	2020-02-2: OPERATOR 000013588001403
Expense Journal	2020	2 P	2020-02-1: OPERATOR 000013559001806
Expense Journal	2020	2 P	2020-02-1: OPERATOR 000013559001806
Expense Journal	2020	2 P	2020-02-1: OPERATOR 000013559001806
Expense Journal	2020	2 P	2020-02-1: OPERATOR 000013559001806
Expense Journal	2020	2 P	2020-02-1: OPERATOR 00001353(000294
Expense Journal	2020	2 P	2020-02-1: OPERATOR 000013403001403
Expense Journal	2020	2 P	2020-02-1: OPERATOR 000013817000587
Expense Journal	2020	2 P	2020-02-0: OPERATOR 000013873002002
Expense Journal	2020	2 P	2020-02-0: OPERATOR 000013202002002
Expense Journal	2020	1 P	2020-01-1: OPERATOR 000013671002536
AR Direct Cash Journal	2020	10 P	2020-10-2: OPERATOR Battery Sys
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-0: JHU 01470805 REFLECTIV
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-0: DADAVIS 01470805 REFLECTIV
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-0: JHU 01456380 ANDFEL CC
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-0: DADAVIS 01456380 ANDFEL CC
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0: TDING 01444822 CITY OF VIS
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0: DADAVIS 01444822 CITY OF VIS
AP Vouchers	2020	12 P	2020-12-2: OPERATOR 01496068 Storm Drain
AP Vouchers	2020	12 P	2020-12-2: OPERATOR 01498598 2020 LAND

AP Vouchers	2020	12 P	2020-12-2: OPERATOR01498598	2020 LAND
AP Vouchers	2020	11 P	2020-11-2: OPERATOR01493960	RCL V#014
AP Vouchers	2020	11 P	2020-11-1: OPERATOR01492284	2020 LAND
AP Vouchers	2020	11 P	2020-11-1: OPERATOR01492284	2020 LAND
AP Vouchers	2020	10 P	2020-10-2: OPERATOR01485231	VITA-D-CH
AP Vouchers	2020	10 P	2020-10-1: OPERATOR01486149	2020 LAND
AP Vouchers	2020	10 P	2020-10-1: OPERATOR01486149	2020 LAND
AP Vouchers	2020	10 P	2020-10-1: OPERATOR01485244	SERVICE
AP Vouchers	2020	10 P	2020-10-0: OPERATOR01483907	2020 LAND
AP Vouchers	2020	10 P	2020-10-0: OPERATOR01483907	2020 LAND
AP Vouchers	2020	10 P	2020-10-0: OPERATOR01483906	2020 LAND
AP Vouchers	2020	10 P	2020-10-0: OPERATOR01483906	2020 LAND
AP Vouchers	2020	9 P	2020-09-1: OPERATOR01479732	2020 LAND
AP Vouchers	2020	9 P	2020-09-1: OPERATOR01479732	2020 LAND
AP Vouchers	2020	8 P	2020-08-3: OPERATOR01473162	STORM DR
AP Vouchers	2020	8 P	2020-08-1: OPERATOR01470805	SAFETY PAI
AP Vouchers	2020	8 P	2020-08-1: OPERATOR01470805	SAFETY PAI
AP Vouchers	2020	8 P	2020-08-1: OPERATOR01470805	SAFETY PAI
AP Manual Closures	2020	8 P	2020-08-1: OPERATOR01455297	Storm Drain
AP Vouchers	2020	7 P	2020-07-3: OPERATOR01469784	services
AP Vouchers	2020	7 P	2020-07-1: OPERATOR01467329	2020 LAND
AP Vouchers	2020	7 P	2020-07-1: OPERATOR01467329	2020 LAND
AP Vouchers	2020	7 P	2020-07-1: OPERATOR01467326	2020 LAND
AP Vouchers	2020	7 P	2020-07-1: OPERATOR01467326	2020 LAND
AP Vouchers	2020	7 P	2020-07-1: OPERATOR01467324	2020 LAND
AP Vouchers	2020	7 P	2020-07-1: OPERATOR01467324	2020 LAND
AP Vouchers	2020	6 P	2020-06-1: OPERATOR01461082	Storm Drain
AP Vouchers	2020	6 P	2020-06-0: OPERATOR01456380	TEAR OFF C
AP Vouchers	2020	5 P	2020-05-2: OPERATOR01457937	RCL V#014
AP Vouchers	2020	5 P	2020-05-1: OPERATOR01455297	Storm Drain
AP Vouchers	2020	4 P	2020-04-3: OPERATOR01452620	CALCIUM T
AP Vouchers	2020	4 P	2020-04-2: OPERATOR01452524	VITA-D-CH
AP Vouchers	2020	4 P	2020-04-0: OPERATOR01449619	Storm Drain
AP Vouchers	2020	4 P	2020-04-0: OPERATOR01444822	storm Drain
AP Vouchers	2020	3 P	2020-03-2: OPERATOR01446216	2020 WEEI
AP Vouchers	2020	3 P	2020-03-2: OPERATOR01446215	2019 LAND
AP Vouchers	2020	3 P	2020-03-2: OPERATOR01446215	2019 LAND
AP Vouchers	2020	3 P	2020-03-2: OPERATOR01446204	2020 LAND
AP Vouchers	2020	3 P	2020-03-2: OPERATOR01446204	2020 LAND
AP Vouchers	2020	3 P	2020-03-1: OPERATOR01442611	Storm Drain
AP Vouchers	2020	2 P	2020-02-2: OPERATOR01441016	RCL V#014
AP Vouchers	2020	2 P	2020-02-1: OPERATOR01436909	Storm Drain
AP Vouchers	2020	1 P	2020-01-2: OPERATOR01435137	2018 LAND
AP Vouchers	2020	1 P	2020-01-2: OPERATOR01435135	2019 LAND

AP Vouchers	2020	1 P	2020-01-10	OPERATOR01432462	11/26/2019
AP Vouchers	2020	1 P	2020-01-09	OPERATOR01429321	VITA-D-CH
AC_EST - DEC.2020	2020	12 P	2021-01-06	DADAVIS	JUL'20-NOV
AC_EST - NOV.2020	2020	12 P	2020-12-08	JHU	JUN'20-OC
AC_EST - NOV.2020	2020	11 P	2020-12-08	DADAVIS	JUN'20-OC
AC_EST - OCT.2020	2020	11 P	2020-11-09	JHU	MAY'20-SE
AC_EST - OCT.2020	2020	10 P	2020-11-09	DADAVIS	MAY'20-SE
AC_EST - SEP.2020	2020	10 P	2020-10-09	JHU	APR'20-AU
AC_EST - SEP.2020	2020	9 P	2020-10-09	DADAVIS	APR'20-AU
AC_EST - AUG.2020	2020	9 P	2020-09-09	JHU	MAR'20-JU
AC_EST - AUG.2020	2020	8 P	2020-09-09	DADAVIS	MAR'20-JU
AC_EST - JUL.2020	2020	8 P	2020-08-09	JHU	FEB'20-JUN
AC_EST - JUL.2020	2020	7 P	2020-08-09	DADAVIS	FEB'20-JUN
AC_EST - JUN.2020	2020	7 P	2020-07-09	JHU	JAN'20-MA
AC_EST - JUN.2020	2020	6 P	2020-07-09	DADAVIS	JAN'20-MA
AC_EST - MAY.2020	2020	6 P	2020-06-09	JHU	DEC'19-AP
AC_EST - MAY.2020	2020	5 P	2020-06-09	DADAVIS	DEC'19-AP
AC_EST - APR.2020	2020	5 P	2020-05-09	TDING	NOV'19-MA
AC_EST - APR.2020	2020	4 P	2020-05-09	DADAVIS	NOV'19-MA
AC_EST -- MAR.2020	2020	4 P	2020-04-09	JHU	OCT'19-FEB
AC_EST -- MAR.2020	2020	3 P	2020-04-09	DADAVIS	OCT'19-FEB
AC_EST -- FEB.2020	2020	3 P	2020-03-09	JHU	SEP'19-JAN
AC_EST -- FEB.2020	2020	2 P	2020-03-09	DADAVIS	SEP'19-JAN
AC_EST - JAN.2020	2020	2 P	2020-02-09	JHU	AUG'19-DE
AC_EST - JAN.2020	2020	1 P	2020-02-09	DADAVIS	AUG'19-DE
AC_EST - DEC.2019	2020	1 P	2020-01-09	JHU	JUL'19-DEC
Reclass between accounts	2020	2 P	2020-02-21	TSCANLON	INTEGRA C
Reclass between accounts	2020	1 P	2020-02-21	SZHU	INTEGRA C
Reclass between accounts	2020	11 P	2020-11-09	TSCANLON	INTEGRA C
Reclass between accounts	2020	10 P	2020-11-09	SZHU	INTEGRA C
Reclass between accounts	2020	5 P	2020-05-09	TSCANLON	INTEGRA C
Reclass between accounts	2020	4 P	2020-05-09	SZHU	INTEGRA C
Reclass between accounts	2020	1 P	2020-01-09	TSCANLON	INTEGRA C
SUBSEQUENT VOUCHER ACCRU	2020	12 P	2020-12-09	JHU	01496068 CITY OF VIS
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-12-09	DADAVIS	01496068 CITY OF VIS
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-10-09	JHU	01483907 TROPICAL I
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-10-09	JHU	01483907 TROPICAL I
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-10-09	DADAVIS	01483907 TROPICAL I
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-10-09	DADAVIS	01483907 TROPICAL I
SUBSEQUENT VOUCHER ACCRU	2020	4 P	2020-04-11	JHU	01449619 CITY OF VIS
SUBSEQUENT VOUCHER ACCRU	2020	3 P	2020-04-11	DADAVIS	01449619 CITY OF VIS
SUBSEQUENT VOUCHER ACCRU	2020	3 P	2020-03-11	JHU	01442611 CITY OF VIS
SUBSEQUENT VOUCHER ACCRU	2020	2 P	2020-03-11	DADAVIS	01442611 CITY OF VIS
SUBSEQUENT VOUCHERS ACCRL	2020	2 P	2020-02-11	JHU	01436909 CITY OF VIS

SUBSEQUENT VOUCHERS ACCRUAL		2020	1 P	2020-02-1: DADAVIS	01436909	CITY OF VIS
SUBSEQUENT VOUCHER ACCRUAL		2020	1 P	2020-01-1: JHU	01432462	CITY OF VIS
Expense Journal		2021	3 P	2021-03-1: OPERATOR	00001479	002564
Expense Journal		2021	3 P	2021-03-0: OPERATOR	00001477	002564
Expense Journal		2022	5 P	2022-05-1: OPERATOR	00001701	002283
Expense Journal		2022	5 P	2022-05-1: OPERATOR	00001701	002283
Expense Journal		2022	5 P	2022-05-1: OPERATOR	00001707	002283
Expense Journal		2022	5 P	2022-05-1: OPERATOR	00001707	002283
Expense Journal		2022	5 P	2022-05-1: OPERATOR	00001704	002283
Expense Journal		2022	5 P	2022-05-1: OPERATOR	00001704	002283
Expense Journal		2022	3 P	2022-03-3: OPERATOR	00001690	002283
AP Vouchers		2019	11 P	2019-11-2: OPERATOR	01425303	Mobile
AP Vouchers		2019	11 P	2019-11-1: OPERATOR	01422934	Mobile
AP Vouchers		2019	9 P	2019-09-2: OPERATOR	01413607	Mobile
Expense Journal	NET001	2020	11 P	2020-12-0: OPERATOR	00001500	001263
Expense Journal	NET001	2020	10 P	2020-10-1: OPERATOR	00001498	001263
Expense Journal	NET001	2020	10 P	2020-10-1: OPERATOR	00001498	001263
Expense Journal	NET001	2020	10 P	2020-10-1: OPERATOR	00001498	001263
Expense Journal	NET001	2020	10 P	2020-10-1: OPERATOR	00001498	001263
Expense Journal	NET001	2020	10 P	2020-10-1: OPERATOR	00001498	001263
Expense Journal	NET001	2020	10 P	2020-10-1: OPERATOR	00001498	001263
Accrue Unmatched PO Receipts		2022	12 P	2023-01-0: OPERATOR	00004747	Accrue Unr
Accrue Unmatched PO Receipts		2022	12 P	2022-12-0: OPERATOR	00004791	Accrue Unr
Accrue Unmatched PO Receipts		2022	12 P	2022-12-0: OPERATOR	00004747	Accrue Unr
Accrue Unmatched PO Receipts		2022	11 P	2022-12-0: OPERATOR	00004791	Accrue Unr
Accrue Unmatched PO Receipts		2022	11 P	2022-12-0: OPERATOR	00004747	Accrue Unr
Accrue Unmatched PO Receipts		2022	11 P	2022-11-0: OPERATOR	00004747	Accrue Unr
Accrue Unmatched PO Receipts		2022	10 P	2022-11-0: OPERATOR	00004747	Accrue Unr
Monthly pcard accrual		2022	12 P	2023-01-0: LBURBACH	MISCOWA	Ruell,Willie
Monthly pcard accrual		2022	12 P	2023-01-0: LBURBACH	PELICAN P	Higgins,He
Monthly pcard accrual		2022	12 P	2023-01-0: LBURBACH	MCMASTE	Ruell,Willie
Monthly pcard accrual		2022	12 P	2023-01-0: LBURBACH	MCMASTE	Ruell,Willie
Monthly pcard accrual		2022	12 P	2023-01-0: LBURBACH	KIPCO CO	Ruell,Willie
Monthly pcard accrual		2022	1 P	2022-01-1: JHU	20211109	Ruell,Willie
Monthly pcard accrual		2022	1 P	2022-01-1: JHU	20211221	Javier Cam
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	HACH COM	Javier Cam
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	MISCOWA	Ruell,Willie
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	USA BLUE	I.A.J. Meyer
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	HACH COM	A.J. Meyer
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	NOR*NOR	Ruell,Willie
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	SQ *NOR-C	Ruell,Willie
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	SQ *NOR-C	Ruell,Willie
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	SUISUN AC	Javier Cam
Monthly pcard accrual		2022	12 P	2022-12-1: JHU	USA BLUE	I.A.J. Meyer

Monthly pcard accrual	2022	12 P	2022-12-1: JHU	MCMASTE Ruell,Willia
Monthly pcard accrual	2022	12 P	2022-12-1: JHU	SQ *CITY B Higgins,He
Monthly pcard accrual	2022	12 P	2022-12-1: JHU	MCMASTE Ruell,Willia
Monthly pcard accrual	2022	12 P	2022-12-1: JHU	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	HACH COM Javier Cam
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	MISCOWA Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	HACH COM A.J. Meyer
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	NOR*NOR Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	SQ *NOR-C Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	SQ *NOR-C Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	SUISUN AC Javier Cam
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	MCMASTE Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	SQ *CITY B Higgins,He
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	MCMASTE Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-12-1: LBURBACH	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	AMZN MKTI Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	THE HOME Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	THE HOME Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	OHIO POW Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	MISCOWA Ruell,Willia
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	GRAINGER Javier Cam
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	HACH COM Javier Cam
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	HACH COM A.J. Meyer
Monthly pcard accrual	2022	11 P	2022-11-0: JHU	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	AMZN MKTI Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	THE HOME Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	THE HOME Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	OHIO POW Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	MISCOWA Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	GRAINGER Javier Cam
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	HACH COM Javier Cam
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	HACH COM A.J. Meyer
Monthly pcard accrual	2022	10 P	2022-11-0: LBURBACH	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	HACH COM Javier Cam
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	AMZN MKTI Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	AMZN MKTI Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	HACH COM Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	HACH COM Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	MISCOWA Ruell,Willia
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	GIH*GLOB A.J. Meyer
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	USA BLUE IA.J. Meyer
Monthly pcard accrual	2022	10 P	2022-10-0: JHU	HACH COM A.J. Meyer

Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	HACH COM	Javier Cam
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	AMZN MKTI	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	AMZN MKTI	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	HACH COM	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	HACH COM	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	MISCOWA	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	GIH*GLOB	A.J. Meyer
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	USA BLUE I	A.J. Meyer
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	HACH COM	A.J. Meyer
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	GIH*GLOB	A.J. Meyer
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	MISCOWA	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	HACH COM	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	HACH COM	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	BWS DISTR	Ruell,Willia
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	HACH COM	Javier Cam
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	USA BLUE I	Higgins,He
Monthly pcard accrual	2022	9 P	2022-09-0	JHU	USA BLUE I	Higgins,He
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	GIH*GLOB	A.J. Meyer
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	MISCOWA	Ruell,Willia
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	HACH COM	Ruell,Willia
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	HACH COM	Ruell,Willia
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	BWS DISTR	Ruell,Willia
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	HACH COM	Javier Cam
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	USA BLUE I	Higgins,He
Monthly pcard accrual	2022	8 P	2022-09-0	LBURBACH	USA BLUE I	Higgins,He
Monthly pcard accrual	2022	8 P	2022-08-1	JHU	20211221	Javier Cam
Monthly pcard accrual	2022	8 P	2022-08-1	JHU	20220519	Ruell,Willia
Monthly pcard accrual	2022	8 P	2022-08-1	JHU	20220606	Ruell,Willia
Monthly pcard accrual	2022	8 P	2022-08-1	JHU	20220614	Freeman,V
Monthly pcard accrual	2022	8 P	2022-08-1	JHU	20220623	Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-08-1	LBURBACH	20211221	Javier Cam
Monthly pcard accrual	2022	7 P	2022-08-1	LBURBACH	20220519	Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-08-1	LBURBACH	20220606	Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-08-1	LBURBACH	20220614	Freeman,V
Monthly pcard accrual	2022	7 P	2022-08-1	LBURBACH	20220623	Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20211221	Javier Cam
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220519	Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220526	Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220531	Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220602	Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220606	Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220614	Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220615	Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1	JHU	20220616	Torres,Juar



Monthly pcard accrual	2022	7 P	2022-07-1: JHU	20220620 Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1: JHU	20220620 Freeman,V
Monthly pcard accrual	2022	7 P	2022-07-1: JHU	20220623 Ruell,Willia
Monthly pcard accrual	2022	7 P	2022-07-1: JHU	20220624 A.J. Meyer
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20211221 Javier Cam
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220519 Ruell,Willia
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220526 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220531 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220602 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220606 Ruell,Willia
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220614 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220615 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220616 Torres,Juar
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220620 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220620 Freeman,V
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220623 Ruell,Willia
Monthly pcard accrual	2022	6 P	2022-07-1: LBURBACH	20220624 A.J. Meyer
Monthly pcard accrual	2022	6 P	2022-06-0: JHU	JAVIER CAM 20211221
Monthly pcard accrual	2022	6 P	2022-06-0: JHU	RUELL,WIL 20220519
Monthly pcard accrual	2022	5 P	2022-06-0: LBURBACH	JAVIER CAM 20211221
Monthly pcard accrual	2022	5 P	2022-06-0: LBURBACH	RUELL,WIL 20220519
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	JAVIER CAM 20211221
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211109
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211110
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211101
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211112
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211221
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211109
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211227
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211113
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20220112
Monthly pcard accrual	2022	5 P	2022-05-1: JHU	RUELL,WIL 20211214
Monthly pcard accrual	2022	4 P	2022-05-1: LBURBACH	JAVIER CAM 20211221
Monthly pcard accrual	2022	4 P	2022-05-1: LBURBACH	RUELL,WIL 20211109
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Monthly pcard accrual	2022	4 P	2022-04-1: JHU	SP * MIGHI 20211109
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Monthly pcard accrual	2022	4 P	2022-04-1: JHU	INTEGRA C 20211214
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	AMZN MKTI 20211109
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Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	AMZN MKTI 20211101
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Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	AMZN MKTI 20211112
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	AMZN MKTI 20220125
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	AMZN MKTI 20220107
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Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	SP * MIGHI 20211109
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Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	HACH COM 20211221
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	U.S. SAWS 20220112
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH	INTEGRA C 20211214
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211101
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211109
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211109
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211110
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211112
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211113
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211209
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211213
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211214
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	JAVIER CAN 20211221
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211221
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20211227
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20220107
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20220112
Monthly pcard accrual	2022	3 P	2022-03-0: JHU	RUELL,WIL 20220112

Monthly pcard accrual	2022	3 P	2022-03-0	JHU	RUELL,WIL 20220123
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Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211109
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211109
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211110
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211112
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211113
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211209
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211213
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211214
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	JAVIER CAN 20211221
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211221
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20211227
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20220107
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20220112
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20220112
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20220123
Monthly pcard accrual	2022	2 P	2022-03-0	LBURBACH	RUELL,WIL 20220125
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL AMZN MKTI
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Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL AMZN MKTI
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Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL NOR*NOR
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Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL INTEGRA C
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL SP * FIREH
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	JAVIER CAN HACH COM
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Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	2 P	2022-02-0	JHU	RUELL,WIL U.S. SAWS
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Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL SP * MIGH
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL NOR*NOR
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL NOR*NOR
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL AMZN MKTI
Monthly pcard accrual	2022	1 P	2022-02-0	LBURBACH	RUELL,WIL INTEGRA C





Expense Journal	2022	5 P	2022-05-1: OPERATOR 000016906 002708
Expense Journal	2022	5 P	2022-05-1: OPERATOR 000016907 002708
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016969 002776
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016907 002708
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016907 002708
Expense Journal	2022	3 P	2022-03-3: OPERATOR 000016907 002708
Expense Journal	2022	3 P	2022-03-3: OPERATOR 000016907 002708
Expense Journal	2022	3 P	2022-03-3: OPERATOR 000016874 002708
Expense Journal	2022	1 P	2022-01-2: OPERATOR 000016652 001962
AP Vouchers	2022	12 P	2022-12-1: OPERATOR 01628816 VITA-D-CH
AP Vouchers	2022	9 P	2022-09-2: OPERATOR 01618760 RCL V#016
AP Vouchers	2022	8 P	2022-09-0: OPERATOR 01611581 VITA-D-CH
AP reclasses for Dec 2022	2022	12 P	2023-01-1: THTRAN 1628816 INTEGRA C
AP reclasses for Nov 2022	2022	12 P	2022-12-1: TSCANLON 479104 INTEGRA C
AP reclasses for Nov 2022	2022	11 P	2022-12-1: THTRAN 479104 INTEGRA C
AP Vouchers	2021	6 P	2021-06-2: OPERATOR 01531567 Wireline
Expense Journal	2021	3 P	2021-03-0: OPERATOR 000015381 001784
Expense Journal	2021	3 P	2021-03-0: OPERATOR 000015381 001784
Reclass business unit for pcar	2022	6 P	2022-07-1: LBURBACH 160956 EXP023157
Reclass business unit for pcar	2022	6 P	2022-07-1: LBURBACH 160956 EXP023157

































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**Attachment 2-9:  
Cal Water's Response to Cal Advocates Data Request  
CR8-007 and Attachment #1 - Question 1**



**RESPONSE TO DATA REQUEST**

**2024 GENERAL RATE CASE, A.24-07-003**

To: **Public Advocates Office**

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Date: <b>Oct 16, 2024</b> Re: <b>CR8-007</b> Subj: <b>Purchased Services – WT and TD</b>	Request Received from CPUC: <b>October 9, 2024</b> Requested Due Date: <b>October 16, 2024</b>
Comments: <ul style="list-style-type: none"> <li>• <b>Full response attached.</b></li> <li>• <b>Response provided by Rates.</b></li> <li>• <b>Does not contain confidential information.</b></li> <li>• <b>This response refers to the following attachments included separately:</b> <ul style="list-style-type: none"> <li>○ <b>CR8-007 Attachment #1 - Question 1</b></li> <li>○ <b>CR8-007 Attachment #2 - Question 2.a.v</b></li> <li>○ <b>CR8-007 Attachment #3 - Question 2.b.ii</b></li> <li>○ <b>CR8-007 Attachment #4 - Question 4</b></li> </ul> </li> </ul>	



**Data Requests and Responses**

**Water Treatment:**

1. Please refer to Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab “SD\_Rec O&M”.
  - a. Attachment 1 of this request contains a segment of purchased services for water treatment (SOE01-12) annual totals from Cal Water’s workpaper for 2019-2023. Please provide, in Excel format, the General Ledger to support all visible cell entries in Attachment 1, tab: Water Treatment.  
**Response: Please see attachment CR8-007 Attachment #1 - Question 1.**
2. Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section F “Water Treatment” and Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments”.
  - a. Page 71 of the testimony states Cal Water anticipates construction of its East Los Angeles Water Quality Lab to be completed by 2026.
    - i. Please provide the work order number and project ID for this lab.  
**Response: The PID/WO # for the ELA Water Quality lab is 124910.**
    - ii. Does Cal Water include this project in 2026 ratebase calculation?  
**Response: Cal Water forecasted the completion year to be 2026, so only a weighted portion of the project is included in the 2026 rate base calculation.**
    - iii. Why does Cal Water expect savings to be actualized for water treatment starting in 2027, a year after the lab 2026 completion date?  
**Response: In our application, Cal Water estimated the lab to be constructed and operational in late 2026, so the expense savings wouldn’t have started until 2027. However, construction of the lab is now expected to be complete in mid 2025. The lab will need to be inspected and certified through e-lab before it can start processing samples, which can take a few months after completion of the lab. Therefore, the expense savings will be realized in 2026. However, because expense savings should take place six months after completion of the lab, both the project completion date, and the expense savings should be moved up by one year.**
    - iv. How many months after the lab completion does Cal Water expect to start processing samples at the lab?  
**Response: Please see response, above.**
    - v. Please provide the invoices, in pdf format, of past purchased services for water treatment Cal Water uses to forecast the \$800,000 annual savings.  
**Response: The new water quality lab will allow for Cal Water to bring many tests in house, however, Cal Water will still continue to contract to outside labs for certain sampling. Attachment CR8-007 Attachment #2 - Question 2.a.v. includes invoices for all of the 2020 expenses for testing water samples in the outside lab fees account. Unfortunately, the tests that will be brought in house were not invoiced separately than the tests that will**



**CALIFORNIA WATER SERVICE COMPANY**

**continue to be contracted to outside labs. Given the large magnitude of invoices listed in the attachment, Cal Water requests Cal Advocates select a sample set of invoices in a subsequent data request for Cal Water to provide, however these invoices may include items that will not be brought in-house.**

vi. Please explain why the cost savings are recorded for Customer Support Services in Cal Water’s workpapers, instead of for Cal Water’s East Los Angeles district.  
**Response: The water quality lab will be housed in the East Los Angeles operations building, however it will provide support for all Cal Water customers.**

b. Page 71 of the testimony states Cal Water removed PFAS related expense between 2020 and 2022. Those removed expenses were used to calculate a three-year inflation adjustment average for a forecast of PFAS purchased services for water treatment 2026-2028 expenses. Cell G24 of Cal Water’s workpaper references that adjustments to recorded numbers can be found in “Y\_CH05\_SD”.

i. Are the PFAS expenses removed in tab “Trf-Adj O&M WS-2” of the referenced workpaper? If not, which tab are these adjustments made in?

**Response: The PFAS adjusted are located in the “Trf-Adj O&M WS-2” of the Y\_CH05\_OM\_SD\_Rec OM Exp file.**

ii. Please show the calculations using the PFAs expense amounts in tab “Trf-Adj O&M WS-2”, to demonstrate how Cal Water arrived at the TY expenses below, pulled from CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments”.

Bakersfield	80,377
Bear Gulch	1,974
Chico	69,534
Dixon	2,544
East Los Angeles	223,339
Hermosa Redondo	1,187
King City	1,978
Livermore	15,218
Los Altos	6,121
Marysville	25,569
Oroville	12,129
Salinas	13,109
Selma	2,780
Bayshore	1,223
Stockton	21,174
Visalia	64,627
Willows	14,667
Palos Verdes	342
Dominguez	5,004
Antelope Valley	2,732
Kern River Valley	30,881
Lucerne	543
Unified Area	1,797
Coast Springs	3,175
Travis	416



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**Response: Please see attachment CR8-007 Attachment #3 - Question 2.b.ii. While reviewing the calculation, Cal Water noticed that the escalation rates used for 2021-2028 are outdated and need to be corrected to reflect the appropriate rates.**

3. Please refer to Cal Water’s Testimony Book #3, Attachment E – AMI Program Overview and Anticipated Costs/Savings and Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments”

a. Page 13 of Cal Water’s Testimony Attachment presents a bar graph with the capital versus O&M spending schedule for AMI.

i. Are these O&M costs entirely in purchased services for water treatment? If not, what other O&M account(s) is included?

**Response: They represent the various costs from the West Monroe (WM) model. The WM model established a business case for an AMI program. Cal Water examined the WM model and incorporated certain costs and savings estimates as a basis for forecasting the appropriate inputs to the Results of Operations model (“ROM”) for this GRC period. However, not all the costs and savings were utilized. Please refer to the direct testimony of Todd Pray (Testimony Book #3, Attachment G) for further discussion. Attachment G addresses the differences between West Monroe’s model and Cal Water’s ROM.**

ii. Please provide the exact amount for the bar graph for each year of O&M anticipated costs.

**Response: These values are found in the WM model that was previously attached in response to question 4.a.i. of CR8-006. The costs are from the “RESULTS SUMMARY” worksheet, row 84. As noted above in 3.a.i, not all the costs were utilized for ROM.**

iii. Which of these bars corresponds to the test year 2026?

**Response: The bar labeled “1” represents the first year of the program. For the purposes of this GRC, this means test year 2026. Note the West Monroe model has O&M costs beginning with the start of deployment in Year “2” (i.e. 2027). Cal Water totaled the projections from 2027 and 2028 (GRC period) and allocated these totals evenly over 2026-2028 in ROM because there’s only one test year for expenses in the 2024 GRC: TY 2026.**

b. In its testimony, Cal Water states it conducted a test pilot program for AMI in its Dominguez district. In Cal Water’s workpaper, TY AMI costs for SOE01-12 are forecasted as a third of two totaled values. Those values are listed below, with the corresponding district, and each values cell location.

District	Row	Column	
		R	S
Bayshore	47	9734.1664	19513.581



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Bayshore	48	26826.289	56462.45
Bayshore	49	17884.193	37641.633
Bayshore	50	2895.0349	3109.7057
Bear Gulch	55	3191.1209	6480.9651
Bear Gulch	56	8794.3771	18752.641
Bear Gulch	57	5862.9181	12501.76
Bear Gulch	58	879.43771	1875.2641
Los Altos	63	3239.7193	6526.3044
Los Altos	64	8928.3091	18883.83
Los Altos	65	5952.206	12589.22
Los Altos	66	892.83091	1888.383
LAR	71	4451.0381	8979.1003
LAR	72	12266.57	25980.983
LAR	73	8177.7133	17320.655
LAR	74	1226.657	2598.0983
Westlake	79	1202.7533	2434.4416
Westlake	80	3314.6555	7044.0449
Westlake	81	2209.7703	4696.0299
Westlake	82	331.46555	704.40449

i. How does Cal Water arrive at these values, which are hardcoded in the workpaper?

**Response: Please note that this question references Dominguez, but Cal Water’s request for the pilot program costs are for Bayshore, Bear Gulch, Los Altos, Los Angeles Valley Region, and Westlake. These values are found in the West Monroe model that was previously attached in response to question 4.a.i. of CR8-006. In that attachment, it shows Cal Water totaled certain West Monroe projections from 2027 and 2028 (GRC period) and allocated those totals evenly over 2026-2028 in ROM. Cal Water normalized these expenses for the GRC cycle because the 2027 expenses from the ROM are not used in the step rates calculation for 2027 rates if Cal Water passes its earnings test.**

ii. If these values are based on the Dominguez pilot program costs, please provide all invoices to support each of these values. Please do so in pdf format, with separate folders for each district.

**Response: The values are based on the WM model projections noted above in 3.b.ii.**

**Transmission and Distribution:**

4. Please refer to Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab “SD\_Rec O&M”.



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Data Request CR8-007 Response (2024 GRC, A.24-07-003) –Page 6

- a. Attachment 1 of this request contains a segment of purchased services for transmission and distribution (SOE01-13) annual totals from Cal Water’s workpaper for 2019-2023. Please provide, in Excel format, the General Ledger to support all visible cell entries in Attachment 1, tab: Transmission and Distribution.

**Response: Please see attachment *CR8-007 Attachment #4 - Question 4*. Please note that for Bakersfield, Livermore, and Marysville account 950000 is representative of the select accounts where the journal ID starts with INV.**



**Attachment 2-10:  
Cal Water's Response to Cal Advocates Data Request  
CR8-007 Attachment #4 - Question 4**

Unit	Line Date	Journal ID	Dept	Account	Amount	Line #	Project	Stat Amt	Stat
CWSCO	2019-11-0	24NA	101	751000	1620.17	39		0	
CWSCO	2019-11-0	24NA	101	751000	244.37	38		0	
CWSCO	2019-11-0	24NA	101	751000	33.9	36		0	
CWSCO	2019-11-0	04NA	101	751000	1678.42	6		0	
CWSCO	2019-12-3	RA001973	101	752000	950	1513		0	
CWSCO	2019-12-0	RA001956	101	752000	-950	1906		0	
CWSCO	2019-11-3	RA001956	101	752000	950	1906		0	
CWSCO	2019-02-0	EXP01786	101	752000	137.25	529		0	
CWSCO	2019-12-0	AP001958	101	752000	950	1129		0	
CWSCO	2019-10-1	AP001930	101	752000	3275	818		0	
CWSCO	2019-10-1	AP001930	101	752000	950	817		0	
CWSCO	2019-09-2	AP001914	101	752000	950	439		0	
CWSCO	2019-08-1	AP001895	101	752000	950	565		0	
CWSCO	2019-07-1	AP001876	101	752000	950	607		0	
CWSCO	2019-07-1	AP001876	101	752000	3275	606		0	
CWSCO	2019-06-1	AP001860	101	752000	950	1095		0	
CWSCO	2019-05-1	AP001843	101	752000	950	488		0	
CWSCO	2019-04-1	AP001825	101	752000	3275	431		0	
CWSCO	2019-04-1	AP001825	101	752000	950	430		0	
CWSCO	2019-03-1	AP001808	101	752000	950	412		0	
CWSCO	2019-02-2	AP001794	101	752000	950	329		0	
CWSCO	2019-01-1	AP001775	101	752000	950	1054		0	
CWSCO	2019-12-0	AC_EST	101	752000	-655	157		0	
CWSCO	2019-11-3	AC_EST	101	752000	655	157		0	
CWSCO	2019-11-0	AC_EST	101	752000	-655	163		0	
CWSCO	2019-10-3	AC_EST	101	752000	655	163		0	
CWSCO	2019-10-0	AC_EST	101	752000	-655	165		0	
CWSCO	2019-09-3	AC_EST	101	752000	655	165		0	
CWSCO	2019-09-0	AC_EST	101	752000	-655	164		0	
CWSCO	2019-08-3	AC_EST	101	752000	655	164		0	
CWSCO	2019-08-0	AC_EST	101	752000	-655	150		0	
CWSCO	2019-07-3	AC_EST	101	752000	655	150		0	
CWSCO	2019-11-0	AP001944	101	755000	17652.24	499		0	
CWSCO	2019-07-2	AP001878	101	755000	17652.24	380		0	
CWSCO	2019-05-0	AP001837	101	755000	17652.24	599		0	
CWSCO	2019-02-0	AP001786	101	755000	17652.24	531		0	
CWSCO	2019-11-0	ACAP1111	101	755000	-17652.2	129		0	
CWSCO	2019-10-3	ACAP1111	101	755000	17652.24	129		0	
CWSCO	2019-05-0	ACAP0508	101	755000	-17652.2	787		0	
CWSCO	2019-04-3	ACAP0508	101	755000	17652.24	787		0	
CWSCO	2019-02-0	ACAP0208	101	755000	-5884.08	615		0	
CWSCO	2019-01-3	ACAP0208	101	755000	5884.08	615		0	
CWSCO	2020-12-0	XPO02155	105	753200	-9293	436		0	

CWSCO	2020-11-3	XPO02155	105	753200	9293	436	0
CWSCO	2020-11-0	XPO02140	105	753200	-9293	461	0
CWSCO	2020-10-3	XPO02140	105	753200	9293	461	0
CWSCO	2020-10-0	XPO02122	105	753200	-9293	491	0
CWSCO	2020-09-3	XPO02122	105	753200	9293	491	0
CWSCO	2020-09-0	XPO02105	105	753200	-5000	949	0
CWSCO	2020-09-0	XPO02105	105	753200	-9293	613	0
CWSCO	2020-08-3	XPO02105	105	753200	5000	949	0
CWSCO	2020-08-3	XPO02105	105	753200	9293	613	0
CWSCO	2020-08-0	XPO02089	105	753200	-500	689	0
CWSCO	2020-07-3	XPO02089	105	753200	500	689	0
CWSCO	2020-12-0	04NA	105	753200	5312.29	10	0
CWSCO	2020-07-0	XPO02071	105	753200	-500	841	0
CWSCO	2020-06-3	XPO02071	105	753200	500	841	0
CWSCO	2020-06-0	XPO02055	105	753200	-500	893	0
CWSCO	2020-05-3	XPO02055	105	753200	500	893	0
CWSCO	2020-05-0	XPO02040	105	753200	-500	927	0
CWSCO	2020-04-3	XPO02040	105	753200	500	927	0
CWSCO	2020-12-2	ARD02170	105	753200	-848.3	15	0
CWSCO	2020-12-2	AP002171	105	753200	9293	845	0
CWSCO	2020-12-1	AP002161	105	753200	134.68	576	0
CWSCO	2020-09-1	AP002110	105	753200	7216.42	671	0
CWSCO	2020-08-2	AP002102	105	753200	848.3	1098	0
CWSCO	2020-07-2	AP002082	105	753200	1472.53	970	0
CWSCO	2020-12-0	24NA	105	753200	168.4	15	0
CWSCO	2020-12-0	24NA	105	753200	5439.79	7	0
CWSCO	2020-12-0	20	105	753200	-8160	4	0
CWSCO	2020-12-3	08_30OBS	105	753200	-120	8	0
CWSCO	2020-11-3	08_30OBS	105	753200	20	5	0
CWSCO	2020-10-3	08_30OBS	105	753200	20	11	0
CWSCO	2020-04-3	08_30OBS	105	753200	40	5	0
CWSCO	2020-03-3	08_30OBS	105	753200	-50	5	0
CWSCO	2020-02-2	08_30OBS	105	753200	40	11	0
CWSCO	2022-05-2	INV024874	105	757110	262.98	5	0
CWSCO	2021-09-2	EXP02339	105	757700	1292.37	35	0
CWSCO	2023-11-2	EXP02857	105	757700	142.15	683	0
CWSCO	2020-06-1	EXP02064	106	753100	490.6	181	0
CWSCO	2020-02-0	EXP01992	106	753100	1084.59	165	0
CWSCO	2022-07-0	RA002512	106	753200	-320.95	469	0
CWSCO	2022-06-3	RA002512	106	753200	320.95	469	0
CWSCO	2022-06-0	RA002491	106	753200	-320.95	877	0
CWSCO	2022-05-3	RA002491	106	753200	320.95	877	0
CWSCO	2022-05-0	RA002471	106	753200	-1.5	407	0
CWSCO	2022-04-3	RA002471	106	753200	1.5	407	0

CWSCO	2022-04-0	RA002452	106	753200	-322.45	1060	0
CWSCO	2022-03-3	RA002452	106	753200	322.45	1060	0
CWSCO	2022-11-1	INV026015	106	753200	322.28	10	0
CWSCO	2022-10-2	INV025908	106	753200	21.04	3	0
CWSCO	2022-06-1	EXP025017	106	753200	678.22	159	0
CWSCO	2022-01-0	APA12312	106	753200	-263.89	678	0
CWSCO	2022-06-0	APA05312	106	753200	-1634.34	499	0
CWSCO	2022-06-0	APA05312	106	753200	-54.93	498	0
CWSCO	2022-05-3	APA05312	106	753200	1634.34	499	0
CWSCO	2022-05-3	APA05312	106	753200	54.93	498	0
CWSCO	2022-05-0	APA04302	106	753200	-49.02	438	0
CWSCO	2022-05-0	APA04302	106	753200	-317.35	437	0
CWSCO	2022-05-0	APA04302	106	753200	-917.76	436	0
CWSCO	2022-05-0	APA04302	106	753200	-1870.51	435	0
CWSCO	2022-05-0	APA04302	106	753200	-364.96	434	0
CWSCO	2022-05-0	APA04302	106	753200	-240.92	433	0
CWSCO	2022-04-3	APA04302	106	753200	49.02	438	0
CWSCO	2022-04-3	APA04302	106	753200	317.35	437	0
CWSCO	2022-04-3	APA04302	106	753200	917.76	436	0
CWSCO	2022-04-3	APA04302	106	753200	1870.51	435	0
CWSCO	2022-04-3	APA04302	106	753200	364.96	434	0
CWSCO	2022-04-3	APA04302	106	753200	240.92	433	0
CWSCO	2022-04-0	APA03312	106	753200	-1870.51	605	0
CWSCO	2022-04-0	APA03312	106	753200	-364.96	604	0
CWSCO	2022-04-0	APA03312	106	753200	-240.92	603	0
CWSCO	2022-03-3	APA03312	106	753200	1870.51	605	0
CWSCO	2022-03-3	APA03312	106	753200	364.96	604	0
CWSCO	2022-03-3	APA03312	106	753200	240.92	603	0
CWSCO	2022-03-0	APA02282	106	753200	-240.92	850	0
CWSCO	2022-02-2	APA02282	106	753200	240.92	850	0
CWSCO	2022-02-0	APA01312	106	753200	-263.89	857	0
CWSCO	2022-02-0	APA01312	106	753200	-263.89	852	0
CWSCO	2022-02-0	APA01312	106	753200	-38.68	517	0
CWSCO	2022-01-3	APA01312	106	753200	263.89	857	0
CWSCO	2022-01-3	APA01312	106	753200	263.89	852	0
CWSCO	2022-01-3	APA01312	106	753200	38.68	517	0
CWSCO	2022-12-0	AP002615	106	753200	253.2	289	0
CWSCO	2022-05-3	08_30OBS	106	753200	-1000	8	0
CWSCO	2022-12-0	AP002613	106	753200	217.6	441	0
CWSCO	2022-12-0	AP002613	106	753200	549	440	0
CWSCO	2022-11-0	AP002597	106	753200	659.25	512	0
CWSCO	2022-11-0	AP002595	106	753200	217.6	606	0
CWSCO	2022-10-1	AP002577	106	753200	585.75	302	0
CWSCO	2022-10-1	AP002577	106	753200	217.6	301	0

CWSCO	2022-09-0	AP002555	106	753200	867.5	644	0
CWSCO	2022-09-0	AP002555	106	753200	217.6	642	0
CWSCO	2022-08-0	AP002533	106	753200	217.6	903	0
CWSCO	2022-08-0	AP002533	106	753200	654	902	0
CWSCO	2022-07-1	AP002521	106	753200	296.95	424	0
CWSCO	2022-07-0	AP002516	106	753200	788.8	251	0
CWSCO	2022-07-0	AP002516	106	753200	197.43	250	0
CWSCO	2022-06-0	AP002495	106	753200	1634.34	229	0
CWSCO	2022-06-0	AP002494	106	753200	197.43	381	0
CWSCO	2022-06-0	AP002494	106	753200	785.5	380	0
CWSCO	2022-06-0	AP002494	106	753200	54.93	379	0
CWSCO	2022-05-0	AP002472	106	753200	23.15	591	0
CWSCO	2022-05-0	AP002472	106	753200	1556.93	590	0
CWSCO	2022-05-0	AP002472	106	753200	197.43	589	0
CWSCO	2022-05-0	AP002472	106	753200	849.85	587	0
CWSCO	2022-05-0	AP002472	106	753200	49.02	586	0
CWSCO	2022-05-0	AP002472	106	753200	317.35	585	0
CWSCO	2022-05-0	AP002472	106	753200	917.76	584	0
CWSCO	2022-05-0	AP002472	106	753200	1870.51	583	0
CWSCO	2022-05-0	AP002472	106	753200	364.96	582	0
CWSCO	2022-05-0	AP002472	106	753200	240.92	581	0
CWSCO	2022-04-2	AP002465	106	753200	353.85	856	0
CWSCO	2022-04-0	AP002456	106	753200	197.43	747	0
CWSCO	2022-04-0	AP002456	106	753200	828.4	746	0
CWSCO	2022-03-2	AP002447	106	753200	356.31	555	0
CWSCO	2022-03-1	AP002438	106	753200	197.43	558	0
CWSCO	2022-03-1	AP002438	106	753200	757.45	557	0
CWSCO	2022-03-0	AP002434	106	753200	975.26	855	0
CWSCO	2022-02-1	AP002423	106	753200	718.8	370	0
CWSCO	2022-02-1	AP002423	106	753200	569.99	369	0
CWSCO	2022-02-1	AP002423	106	753200	192.13	368	0
CWSCO	2022-02-1	AP002423	106	753200	526.53	367	0
CWSCO	2022-02-1	AP002423	106	753200	369.07	366	0
CWSCO	2022-02-1	AP002420	106	753200	1056.1	814	0
CWSCO	2022-02-1	AP002420	106	753200	197.43	813	0
CWSCO	2022-02-1	AP002420	106	753200	38.68	812	0
CWSCO	2022-02-1	AP002420	106	753200	263.89	811	0
CWSCO	2022-02-1	AP002420	106	753200	571	810	0
CWSCO	2022-02-1	AP002420	106	753200	859.75	809	0
CWSCO	2022-02-1	AP002420	106	753200	263.89	808	0
CWSCO	2022-12-0	AC_EST3	106	753200	-59.39	135	0
CWSCO	2022-11-3	AC_EST3	106	753200	59.39	135	0
CWSCO	2022-12-0	AC_EST2	106	753200	59.39	135	0
CWSCO	2022-11-3	AC_EST2	106	753200	-59.39	135	0

CWSCO	2022-12-0	AC_EST	106	753200	-59.39	135	0
CWSCO	2022-11-3	AC_EST	106	753200	59.39	135	0
CWSCO	2022-11-0	AC_EST	106	753200	-59.39	144	0
CWSCO	2022-10-3	AC_EST	106	753200	59.39	144	0
CWSCO	2022-10-0	AC_EST	106	753200	-59.39	136	0
CWSCO	2022-09-3	AC_EST	106	753200	59.39	136	0
CWSCO	2022-09-0	AC_EST	106	753200	-59.39	146	0
CWSCO	2022-08-3	AC_EST	106	753200	59.39	146	0
CWSCO	2022-08-0	AC_EST	106	753200	-59.39	143	0
CWSCO	2022-07-3	AC_EST	106	753200	59.39	143	0
CWSCO	2022-02-0	AC_EST	106	753200	-21.9	130	0
CWSCO	2022-01-3	AC_EST	106	753200	21.9	130	0
CWSCO	2022-01-0	AC_EST	106	753200	-21.9	135	0
CWSCO	2022-12-0	ACAP1130	106	753200	-253.2	708	0
CWSCO	2022-11-3	ACAP1130	106	753200	253.2	708	0
CWSCO	2022-05-0	ACAP0430	106	753200	-23.15	306	0
CWSCO	2022-05-0	ACAP0430	106	753200	-1556.93	305	0
CWSCO	2022-04-3	ACAP0430	106	753200	23.15	306	0
CWSCO	2022-04-3	ACAP0430	106	753200	1556.93	305	0
CWSCO	2022-04-0	ACAP0331	106	753200	-917.76	225	0
CWSCO	2022-03-3	ACAP0331	106	753200	917.76	225	0
CWSCO	2022-03-0	ACAP0228	106	753200	-975.26	485	0
CWSCO	2022-03-0	ACAP0228	106	753200	-1870.2	484	0
CWSCO	2022-03-0	ACAP0228	106	753200	-364.96	483	0
CWSCO	2022-02-2	ACAP0228	106	753200	975.26	485	0
CWSCO	2022-02-2	ACAP0228	106	753200	1870.2	484	0
CWSCO	2022-02-2	ACAP0228	106	753200	364.96	483	0
CWSCO	2022-02-0	ACAP0131	106	753200	-718.8	408	0
CWSCO	2022-02-0	ACAP0131	106	753200	-569.99	407	0
CWSCO	2022-02-0	ACAP0131	106	753200	-192.13	406	0
CWSCO	2022-02-0	ACAP0131	106	753200	-526.53	405	0
CWSCO	2022-02-0	ACAP0131	106	753200	-369.07	404	0
CWSCO	2022-01-3	ACAP0131	106	753200	718.8	408	0
CWSCO	2022-01-3	ACAP0131	106	753200	569.99	407	0
CWSCO	2022-01-3	ACAP0131	106	753200	192.13	406	0
CWSCO	2022-01-3	ACAP0131	106	753200	526.53	405	0
CWSCO	2022-01-3	ACAP0131	106	753200	369.07	404	0
CWSCO	2022-12-0	12	106	753200	73014.34	62	0
CWSCO	2022-11-3	08_30OBS	106	753200	460	15	0
CWSCO	2022-10-3	08_30OBS	106	753200	400	15	0
CWSCO	2022-08-3	08_30OBS	106	753200	200	9	0
CWSCO	2022-06-3	08_30OBS	106	753200	-65.6	14	0
CWSCO	2022-05-3	08_30OBS	106	753200	81.4	14	0
CWSCO	2022-04-3	08_30OBS	106	753200	3075.4	11	0

CWSCO	2022-03-3	08_30OBS	106	753200	134	26	0
CWSCO	2022-02-2	08_30OBS	106	753200	1642	26	0
CWSCO	2022-01-3	08_30OBS	106	753200	-80.4	29	0
CWSCO	2020-12-0	EXP02157	106	753201	206.23	31	0
CWSCO	2021-03-1	AP002214	106	754200	60	859	0
CWSCO	2021-12-3	08_30OBS	106	754200	-312	5	0
CWSCO	2021-11-3	08_30OBS	106	754200	80	4	0
CWSCO	2021-10-3	08_30OBS	106	754200	1520	4	0
CWSCO	2021-09-3	08_30OBS	106	754200	720	4	0
CWSCO	2021-08-3	08_30OBS	106	754200	-320	14	0
CWSCO	2021-07-3	08_30OBS	106	754200	16000	6	0
CWSCO	2021-06-3	08_30OBS	106	754200	166.4	15	0
CWSCO	2021-05-3	08_30OBS	106	754200	10496	15	0
CWSCO	2021-04-3	08_30OBS	106	754200	-560	15	0
CWSCO	2021-03-3	08_30OBS	106	754200	80	15	0
CWSCO	2021-02-2	08_30OBS	106	754200	8692	15	0
CWSCO	2021-01-3	08_30OBS	106	754200	-320	15	0
CWSCO	2019-12-0	PR01_110	106	757101	-31.16	535	0
CWSCO	2019-11-3	PR01_110	106	757101	31.16	535	0
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CWSCO	2019-10-3	PR01_100	106	757101	112.16	484	0
CWSCO	2019-11-0	PAY01945	106	757101	62.31	783	1 HRS
CWSCO	2019-10-1	PAY01930	106	757101	249.24	750	4 HRS
CWSCO	2021-11-1	PAY02371	106	757101	357.76	814	8 HRS
CWSCO	2021-09-0	PAY02318	106	757101	-248.96	479	5.5 HRS
CWSCO	2021-08-3	PAY02318	106	757101	248.96	479	5.5 HRS
CWSCO	2021-08-2	PAY02318	106	757101	355.66	813	8 HRS
CWSCO	2021-02-0	PAY02198	106	757101	343.31	894	8 HRS
CWSCO	2022-01-0	PAY02403	106	757101	355.68	896	8 HRS
CWSCO	2021-07-3	EXP02301	110	752000	-13.07	117	0
CWSCO	2021-07-3	EXP02301	110	752000	-84.93	115	0
CWSCO	2021-07-3	EXP02301	110	752000	28.52	109	0
CWSCO	2021-07-3	EXP02301	110	752000	21.38	105	0
CWSCO	2021-07-3	EXP02301	110	752000	76.49	101	0
CWSCO	2019-06-2	EXP01866	110	753300	119.55	447	0
CWSCO	2019-06-2	EXP01866	110	753300	55.12	441	0
CWSCO	2019-03-2	AP001811	110	753300	65.84	448	0
CWSCO	2019-03-2	AP001811	110	753300	23.33	433	0
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CWSCO	2019-02-0	AP001788	110	753300	137.25	711	0
CWSCO	2019-02-0	AP001788	110	753300	0.03	695	0
CWSCO	2019-02-0	AP001788	110	753300	7.85	680	0
CWSCO	2019-02-0	AP001788	110	753300	2.54	665	0
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CWSCO	2019-02-0	AP001788	110	753300	7.94	603	0
CWSCO	2019-02-0	AP001788	110	753300	26.86	588	0
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CWSCO	2019-02-0	AP001788	110	753300	80.29	574	0
CWSCO	2019-02-0	AP001788	110	753300	0.02	558	0
CWSCO	2019-02-0	AP001788	110	753300	6.14	545	0
CWSCO	2019-02-0	AP001788	110	753300	1.46	530	0
CWSCO	2019-02-0	AP001788	110	753300	4.08	514	0
CWSCO	2019-02-0	AP001788	110	753300	28.79	499	0
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CWSCO	2019-02-0	AP001788	110	753300	4.67	468	0
CWSCO	2019-02-0	AP001788	110	753300	15.83	453	0
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CWSCO	2019-02-0	AP001788	110	753300	387.27	439	0
CWSCO	2019-02-0	AP001788	110	753300	9.3	423	0
CWSCO	2019-02-0	AP001788	110	753300	26.85	408	0
CWSCO	2019-02-0	AP001788	110	753300	22.51	392	0
CWSCO	2019-02-0	AP001788	110	753300	144.07	377	0
CWSCO	2019-02-0	AP001788	110	753300	0.13	361	0
CWSCO	2019-02-0	AP001788	110	753300	22.59	346	0
CWSCO	2019-02-0	AP001788	110	753300	81.05	331	0
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CWSCO	2019-03-0	AC_AP_1	110	753300	-102.82	24	0
CWSCO	2019-02-2	AC_AP_1	110	753300	102.82	24	0
CWSCO	2022-02-1	EXP02425	110	753300	94.41	307	0
CWSCO	2023-06-3	EXP02757	110	753300	259.62	7	0
CWSCO	2020-12-3	RA002173	110	756000	6.48	704	0
CWSCO	2020-12-3	RA002173	110	756000	1000	297	0
CWSCO	2020-12-0	RA002155	110	756000	-22.2	1596	0
CWSCO	2020-12-0	RA002155	110	756000	-240	1594	0
CWSCO	2020-12-0	RA002155	110	756000	-50.88	1593	0
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CWSCO	2020-11-3	RA002155	110	756000	22.2	1596	0
CWSCO	2020-11-3	RA002155	110	756000	240	1594	0
CWSCO	2020-11-3	RA002155	110	756000	50.88	1593	0
CWSCO	2020-11-3	RA002155	110	756000	550	1591	0
CWSCO	2020-11-3	RA002155	110	756000	10.64	1400	0
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CWSCO	2020-11-0	RA002140	110	756000	-1000	1243	0
CWSCO	2020-11-0	RA002140	110	756000	-197.95	735	0



CWSCO	2020-11-0	RA002140	110	756000	-1750	575	0
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CWSCO	2020-10-0	RA002122	110	756000	-5.57	1556	0
CWSCO	2020-10-0	RA002122	110	756000	-60.25	1554	0
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CWSCO	2020-10-0	RA002122	110	756000	-60.25	1551	0
CWSCO	2020-10-0	RA002122	110	756000	-886.65	1264	0
CWSCO	2020-10-0	RA002122	110	756000	-1750	884	0
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CWSCO	2020-09-3	RA002122	110	756000	5.57	1556	0
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CWSCO	2020-09-0	RA002105	110	756000	-2350	1475	0
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CWSCO	2020-08-0	RA002089	110	756000	-99.43	1438	0
CWSCO	2020-08-0	RA002089	110	756000	-7280	1420	0
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CWSCO	2020-07-0	RA002071	110	756000	-868.16	1573	0
CWSCO	2020-07-0	RA002071	110	756000	-13520	1382	0
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CWSCO	2020-06-0	RA002055	110	756000	-2.38	2581	0
CWSCO	2020-06-0	RA002055	110	756000	-25.7	2579	0
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CWSCO	2020-04-0	RA002023	110	756000	-1.56	1506	0
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CWSCO	2020-03-0	RA002005	110	756000	-60.25	762	0
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CWSCO	2020-02-2	RA002005	110	756000	120.5	765	0
CWSCO	2020-02-2	RA002005	110	756000	5.57	764	0
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CWSCO	2020-02-0	RA001990	110	756000	-11.15	1183	0
CWSCO	2020-02-0	RA001990	110	756000	-120.5	1181	0
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CWSCO	2020-11-2	INV021544	110	756000	-15.45	3	0
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CWSCO	2020-01-1	INV019891	110	756000	18.18	5	0
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CWSCO	2020-01-0	EXPC1231	110	756000	-8.11	1347	0
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CWSCO	2020-12-0	EXPC1130:110	756000	-61.96	1427	0
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CWSCO	2020-08-0	EXP02091	110	756000	4.26	99	0
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CWSCO	2020-07-2	EXP02085	110	756000	286.91	163	0
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CWSCO	2020-04-0	EXP02025	110	756000	7.09	323	0
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CWSCO	2020-03-2	EXP02016	110	756000	174.36	731	0
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CWSCO	2020-01-2	EXP01986	110	756000	946.99	355	0
CWSCO	2020-01-2	EXP01985	110	756000	48.97	409	0
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CWSCO	2020-01-1	EXP01977	110	756000	95.64	619	0
CWSCO	2020-01-0	EXP01975	110	756000	52.84	431	0
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CWSCO	2020-03-01	AC_EST	110	756000	-830.33	134	0
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CWSCO	2020-02-01	AC_EST	110	756000	-830.33	148	0
CWSCO	2020-01-31	AC_EST	110	756000	830.33	148	0
CWSCO	2020-01-01	AC_EST	110	756000	-505	171	0
CWSCO	2020-12-31	AC_AP_4	110	756000	-90.4	56	0
CWSCO	2020-12-31	AC_AP_4	110	756000	-89	55	0

CWSCO	2020-12-3	AC_AP_4	110	756000	-89	50	0
CWSCO	2020-12-3	AC_AP_4	110	756000	-89	49	0
CWSCO	2020-12-3	AC_AP_4	110	756000	-56.8	48	0
CWSCO	2020-12-3	AC_AP_4	110	756000	-32	47	0
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CWSCO	2020-11-0	AC_AP_4	110	756000	89	8	0
CWSCO	2020-11-0	AC_AP_4	110	756000	56.8	7	0
CWSCO	2020-10-3	AC_AP_4	110	756000	-121	13	0
CWSCO	2020-10-3	AC_AP_4	110	756000	-89	8	0
CWSCO	2020-10-3	AC_AP_4	110	756000	-56.8	7	0
CWSCO	2020-12-0	AC_AP_3	110	756000	89	15	0
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CWSCO	2020-12-0	AC_AP_3	110	756000	56.8	11	0
CWSCO	2020-11-3	AC_AP_3	110	756000	-89	15	0
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CWSCO	2020-11-3	AC_AP_3	110	756000	-56.8	11	0
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CWSCO	2020-10-0	AC_AP_2	110	756000	82.4	31	0
CWSCO	2020-10-0	AC_AP_2	110	756000	64	30	0
CWSCO	2020-10-0	AC_AP_2	110	756000	29.6	29	0
CWSCO	2020-09-3	AC_AP_2	110	756000	-132	38	0
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CWSCO	2020-09-3	AC_AP_2	110	756000	-89	33	0
CWSCO	2020-09-3	AC_AP_2	110	756000	-89	32	0
CWSCO	2020-09-3	AC_AP_2	110	756000	-82.4	31	0
CWSCO	2020-09-3	AC_AP_2	110	756000	-64	30	0
CWSCO	2020-09-3	AC_AP_2	110	756000	-29.6	29	0
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CWSCO	2020-09-0	AC_AP_2	110	756000	4050	17	0
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CWSCO	2020-08-3	AC_AP_2	110	756000	-89	36	0
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CWSCO	2020-07-3	AC_AP_1	110	756000	-89	34	0
CWSCO	2020-07-3	AC_AP_1	110	756000	-58.4	32	0
CWSCO	2020-07-3	AC_AP_1	110	756000	-25.6	31	0
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CWSCO	2020-06-31	AC_AP_1	110	756000	-114.6	90	0
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CWSCO	2020-06-0	AC_AP_1	110	756000	114.6	36	0
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CWSCO	2020-05-3	AC_AP_1	110	756000	-114.6	36	0
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CWSCO	2020-04-31	AC_AP_1	110	756000	-89	64	0
CWSCO	2020-04-0	AC_AP_1	110	756000	1832.14	175	0
CWSCO	2020-04-0	AC_AP_1	110	756000	1832.14	174	0

CWSCO	2020-04-0	AC_AP_1	110	756000	1840.89	173	0
CWSCO	2020-04-0	AC_AP_1	110	756000	1824.82	172	0
CWSCO	2020-04-0	AC_AP_1	110	756000	1839.43	171	0
CWSCO	2020-04-0	AC_AP_1	110	756000	1836.51	170	0
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CWSCO	2020-03-3	AC_AP_1	110	756000	-1832.14	175	0
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CWSCO	2020-03-3	AC_AP_1	110	756000	-1824.82	172	0
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CWSCO	2020-03-3	AC_AP_1	110	756000	-107.51	74	0
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CWSCO	2020-12-0	ACAP1209	110	756000	-98.52	395	0
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CWSCO	2020-11-0	ACAP1109	110	756000	-1206.18	396	0
CWSCO	2020-11-0	ACAP1109	110	756000	-94.58	247	0
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CWSCO	2020-11-0	ACAP1109	110	756000	-7750	95	0
CWSCO	2020-11-0	ACAP1109	110	756000	-1450	94	0
CWSCO	2020-10-3	ACAP1109	110	756000	1206.18	396	0
CWSCO	2020-10-3	ACAP1109	110	756000	94.58	247	0
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CWSCO	2020-10-0	ACAP1008	110	756000	-392.92	367	0
CWSCO	2020-10-0	ACAP1008	110	756000	-114.79	300	0
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CWSCO	2020-09-0	ACAP0909	110	756000	-98.52	608	0
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CWSCO	2020-08-0	ACAP0810	110	756000	-120	501	0
CWSCO	2020-08-0	ACAP0810	110	756000	-9650	483	0
CWSCO	2020-08-0	ACAP0810	110	756000	-350	482	0
CWSCO	2020-08-0	ACAP0810	110	756000	-1750	481	0



CWSCO	2020-07-3	ACAP0810.110	756000	120	501	0
CWSCO	2020-07-3	ACAP0810.110	756000	9650	483	0
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CWSCO	2020-07-0	ACAP0710.110	756000	-270	634	0
CWSCO	2020-07-0	ACAP0710.110	756000	-106.66	614	0
CWSCO	2020-06-31	ACAP0710.110	756000	2006	639	0
CWSCO	2020-06-31	ACAP0710.110	756000	639	638	0
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CWSCO	2020-06-31	ACAP0710.110	756000	639	635	0
CWSCO	2020-06-31	ACAP0710.110	756000	270	634	0
CWSCO	2020-06-31	ACAP0710.110	756000	106.66	614	0
CWSCO	2020-06-0	ACAP0609.110	756000	-94.58	559	0
CWSCO	2020-06-0	ACAP0609.110	756000	-4250	550	0
CWSCO	2020-06-0	ACAP0609.110	756000	-7280	549	0
CWSCO	2020-06-0	ACAP0609.110	756000	-6240	548	0
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CWSCO	2020-05-0	ACAP0511.110	756000	-98.52	454	0
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CWSCO	2020-04-0	ACAP0409.110	756000	-174.56	424	0
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CWSCO	2020-12-3	ACAP0111.110	756000	2987.29	441	0
CWSCO	2020-12-3	ACAP0111.110	756000	102.46	422	0
CWSCO	2020-01-0	ACAP0109.110	756000	-5650	424	0
CWSCO	2020-01-0	ACAP0109.110	756000	-1150	423	0
CWSCO	2020-01-0	ACAP0109.110	756000	-4750	422	0
CWSCO	2020-01-0	ACAP0109.110	756000	-2250	421	0
CWSCO	2020-01-0	ACAP0109.110	756000	-4450	420	0
CWSCO	2020-01-0	ACAP0109.110	756000	-1737.52	366	0

CWSCO	2023-12-01	PAY028709	110	757101	556.16	808	16 HRS
CWSCO	2020-09-01	RA0021059	110	757110	-0.84	1099	0
CWSCO	2020-08-31	RA0021059	110	757110	0.84	1099	0
CWSCO	2020-08-01	RA0020899	110	757110	-168.84	936	0
CWSCO	2020-07-31	RA0020899	110	757110	168.84	936	0
CWSCO	2020-07-01	RA0020719	110	757110	-224.84	1348	0
CWSCO	2020-07-01	RA0020719	110	757110	-56	738	0
CWSCO	2020-07-01	RA0020719	110	757110	-56	732	0
CWSCO	2020-06-30	RA0020719	110	757110	224.84	1348	0
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CWSCO	2020-06-30	RA0020719	110	757110	56	732	0
CWSCO	2020-06-01	RA0020559	110	757110	-56	1141	0
CWSCO	2020-06-01	RA0020559	110	757110	-56	1129	0
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CWSCO	2020-05-31	RA0020559	110	757110	56	1129	0
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CWSCO	2020-04-01	RA0020239	110	757110	-56	978	0
CWSCO	2020-03-31	RA0020239	110	757110	56	978	0
CWSCO	2020-11-11	AP0021459	110	757110	56	1014	0
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CWSCO	2020-08-11	AP0020979	110	757110	56	642	0
CWSCO	2020-07-11	AP0020789	110	757110	56	923	0
CWSCO	2020-07-11	AP0020789	110	757110	56	922	0
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CWSCO	2020-06-21	AP0020679	110	757110	56	1082	0
CWSCO	2020-02-21	AP0019999	110	757110	56	795	0
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CWSCO	2020-02-01	ACAP0210	110	757110	-56	543	0
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CWSCO	2021-12-31	RA0023959	110	757110	1313.93	1652	0
CWSCO	2021-04-01	RA0022279	110	757110	-56	551	0

CWSCO	2021-03-3	RA002227	110	757110	56	551	0
CWSCO	2021-03-0	RA002207	110	757110	-56	801	0
CWSCO	2021-02-2	RA002207	110	757110	56	801	0
CWSCO	2021-02-0	RA002191	110	757110	-56	2003	0
CWSCO	2021-01-3	RA002191	110	757110	56	2003	0
CWSCO	2021-12-1	AP002385	110	757110	450	347	0
CWSCO	2021-02-2	AP002207	110	757110	147.5	492	0
CWSCO	2021-01-2	AP002186	110	757110	1363.67	688	0
CWSCO	2021-01-2	AP002185	110	757110	56	535	0
CWSCO	2021-06-0	AC_EST	110	757110	-11.2	156	0
CWSCO	2021-05-3	AC_EST	110	757110	11.2	156	0
CWSCO	2021-05-0	AC_EST	110	757110	-11.2	166	0
CWSCO	2021-04-3	AC_EST	110	757110	11.2	166	0
CWSCO	2021-04-0	AC_EST	110	757110	-11.2	170	0
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CWSCO	2021-03-0	AC_EST	110	757110	-11.2	174	0
CWSCO	2021-02-2	AC_EST	110	757110	11.2	174	0
CWSCO	2021-02-0	AC_EST	110	757110	-11.2	183	0
CWSCO	2021-01-3	AC_EST	110	757110	11.2	183	0
CWSCO	2021-12-0	ACAP1130	110	757110	-450	14	0
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CWSCO	2023-12-3	RA002880	110	757610	96	531	0
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CWSCO	2023-09-0	APA08312	110	757610	-86	1185	0
CWSCO	2023-09-0	APA08312	110	757610	-86	1184	0
CWSCO	2023-08-3	APA08312	110	757610	86	1185	0
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CWSCO	2023-08-0	APA07312	110	757610	-86	1045	0
CWSCO	2023-07-3	APA07312	110	757610	86	1045	0
CWSCO	2023-12-2	AP002873	110	757610	86	993	0
CWSCO	2023-12-1	AP002869	110	757610	96	319	0
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CWSCO	2023-11-1	AP002851	110	757610	86	489	0
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CWSCO	2023-10-0	AP002825	110	757610	86	384	0
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CWSCO	2023-09-0	AP002804	110	757610	86	421	0
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CWSCO	2023-08-0	AP002781	110	757610	96	366	0
CWSCO	2023-07-1	AP002766	110	757610	96	503	0
CWSCO	2023-06-2	AP002751	110	757610	86	1080	0
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CWSCO	2023-05-1	AP002725	110	757610	86	277	0

CWSCO	2023-05-1	AP002722	110	757610	96	721	0
CWSCO	2023-05-0	AP002718	110	757610	86	594	0
CWSCO	2023-04-1	AP002701	110	757610	96	792	0
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CWSCO	2023-12-3	AC_EST	110	757610	36.4	153	0
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CWSCO	2023-09-0	AC_EST	110	757610	-36.4	149	0
CWSCO	2023-08-3	AC_EST	110	757610	36.4	149	0
CWSCO	2023-08-0	AC_EST	110	757610	-36.4	155	0
CWSCO	2023-07-3	AC_EST	110	757610	36.4	155	0
CWSCO	2023-07-0	AC_EST	110	757610	-36.4	144	0
CWSCO	2023-06-3	AC_EST	110	757610	36.4	144	0
CWSCO	2023-06-0	AC_EST	110	757610	-36.4	158	0
CWSCO	2023-05-3	AC_EST	110	757610	36.4	158	0
CWSCO	2023-11-0	ACAP1031	110	757610	-96	559	0
CWSCO	2023-10-3	ACAP1031	110	757610	96	559	0
CWSCO	2023-08-0	ACAP0731	110	757610	-86	996	0
CWSCO	2023-08-0	ACAP0731	110	757610	-96	995	0
CWSCO	2023-07-3	ACAP0731	110	757610	86	996	0
CWSCO	2023-07-3	ACAP0731	110	757610	96	995	0
CWSCO	2023-07-0	ACAP0630	110	757610	-86	541	0
CWSCO	2023-07-0	ACAP0630	110	757610	-96	540	0
CWSCO	2023-06-3	ACAP0630	110	757610	86	541	0
CWSCO	2023-06-3	ACAP0630	110	757610	96	540	0
CWSCO	2023-06-0	ACAP0531	110	757610	-86	529	0
CWSCO	2023-06-0	ACAP0531	110	757610	-96	528	0
CWSCO	2023-05-3	ACAP0531	110	757610	86	529	0
CWSCO	2023-05-3	ACAP0531	110	757610	96	528	0
CWSCO	2020-11-3	EXP02153	112	753201	6.98	165	0
CWSCO	2020-11-3	EXP02153	112	753201	6.98	163	0
CWSCO	2020-11-3	EXP02153	112	753201	6.98	161	0
CWSCO	2020-06-0	EXP02058	112	753201	11.64	1079	0
CWSCO	2020-05-2	EXP02049	112	753201	2.33	213	0
CWSCO	2020-05-2	EXP02049	112	753201	2.32	211	0
CWSCO	2020-05-2	EXP02049	112	753201	4.65	209	0
CWSCO	2020-05-2	EXP02049	112	753201	5.95	207	0
CWSCO	2021-09-1	EXP02331	112	753201	7.34	17	0
CWSCO	2021-09-0	EXP02326	112	753201	7.34	669	0
CWSCO	2021-09-0	EXP02326	112	753201	4.75	667	0
CWSCO	2021-09-0	EXP02326	112	753201	5.17	665	0
CWSCO	2021-05-2	EXP02260	112	753201	4.64	477	0
CWSCO	2021-05-2	EXP02260	112	753201	3.99	475	0
CWSCO	2021-05-2	EXP02260	112	753201	7.99	473	0

CWSCO	2021-02-1	EXP02200	112	753201	11.74	215	0
CWSCO	2021-02-1	EXP02200	112	753201	9.31	213	0
CWSCO	2022-11-1	EXP02600	112	753201	139.43	121	0
CWSCO	2022-04-1	EXP02461	112	753201	2.7	233	0
CWSCO	2022-02-2	EXP02427	112	753201	2.7	181	0
CWSCO	2022-02-2	EXP02427	112	753201	8.1	179	0
CWSCO	2022-02-2	EXP02427	112	753201	5.4	177	0
CWSCO	2022-02-2	EXP02427	112	753201	5.4	175	0
CWSCO	2022-02-2	EXP02427	112	753201	2.7	171	0
CWSCO	2022-02-2	EXP02427	112	753201	8.1	153	0
CWSCO	2022-02-2	EXP02427	112	753201	5.4	151	0
CWSCO	2022-02-2	EXP02427	112	753201	5.4	149	0
CWSCO	2020-05-2	EXP02052	122	752000	6621.02	421	0
CWSCO	2020-04-2	EXP02033	122	752000	18.58	243	0
CWSCO	2020-08-2	AP002102	122	752000	1500	1087	0
CWSCO	2019-02-2	EXP01797	122	753100	102.99	161	0
CWSCO	2023-05-0	RA002713	122	753201	-221.3	1805	0
CWSCO	2023-04-3	RA002713	122	753201	221.3	1805	0
CWSCO	2023-10-2	EXP02838	122	753201	988.86	95	0
CWSCO	2023-01-0	APA12312	122	753201	-949.02	571	0
CWSCO	2023-10-0	APA09302	122	753201	-1148.17	975	0
CWSCO	2023-10-0	APA09302	122	753201	-657.26	973	0
CWSCO	2023-10-0	APA09302	122	753201	-1321.88	970	0
CWSCO	2023-09-3	APA09302	122	753201	1148.17	975	0
CWSCO	2023-09-3	APA09302	122	753201	657.26	973	0
CWSCO	2023-09-3	APA09302	122	753201	1321.88	970	0
CWSCO	2023-09-0	APA08312	122	753201	-1148.17	776	0
CWSCO	2023-09-0	APA08312	122	753201	-657.26	774	0
CWSCO	2023-09-0	APA08312	122	753201	-1321.88	769	0
CWSCO	2023-08-3	APA08312	122	753201	1148.17	776	0
CWSCO	2023-08-3	APA08312	122	753201	657.26	774	0
CWSCO	2023-08-3	APA08312	122	753201	1321.88	769	0
CWSCO	2023-04-0	APA03312	122	753201	-440.62	613	0
CWSCO	2023-04-0	APA03312	122	753201	-273.85	609	0
CWSCO	2023-03-3	APA03312	122	753201	440.62	613	0
CWSCO	2023-03-3	APA03312	122	753201	273.85	609	0
CWSCO	2023-10-1	AP002830	122	753201	1148.17	680	0
CWSCO	2023-10-1	AP002830	122	753201	657.26	679	0
CWSCO	2023-10-1	AP002830	122	753201	1321.88	678	0
CWSCO	2023-05-1	AP002720	122	753201	273.86	929	0
CWSCO	2023-05-1	AP002720	122	753201	440.63	928	0
CWSCO	2023-05-1	AP002720	122	753201	242.32	927	0
CWSCO	2023-04-2	AP002710	122	753201	440.62	462	0
CWSCO	2023-04-2	AP002710	122	753201	273.85	461	0

CWSCO	2019-03-2	AP001811	122	753300	26.33	444	0
CWSCO	2019-03-2	AP001811	122	753300	9.33	429	0
CWSCO	2019-03-2	AP001811	122	753300	5.46	412	0
CWSCO	2019-02-0	AP001788	122	753300	54.9	707	0
CWSCO	2019-02-0	AP001788	122	753300	0.01	691	0
CWSCO	2019-02-0	AP001788	122	753300	3.13	676	0
CWSCO	2019-02-0	AP001788	122	753300	1.01	661	0
CWSCO	2019-02-0	AP001788	122	753300	2.78	645	0
CWSCO	2019-02-0	AP001788	122	753300	20.24	630	0
CWSCO	2019-02-0	AP001788	122	753300	1.67	614	0
CWSCO	2019-02-0	AP001788	122	753300	3.17	599	0
CWSCO	2019-02-0	AP001788	122	753300	10.74	584	0
CWSCO	2019-02-0	AP001788	122	753300	32.12	570	0
CWSCO	2019-02-0	AP001788	122	753300	0.01	555	0
CWSCO	2019-02-0	AP001788	122	753300	2.46	541	0
CWSCO	2019-02-0	AP001788	122	753300	0.59	526	0
CWSCO	2019-02-0	AP001788	122	753300	1.63	510	0
CWSCO	2019-02-0	AP001788	122	753300	11.52	495	0
CWSCO	2019-02-0	AP001788	122	753300	0.97	479	0
CWSCO	2019-02-0	AP001788	122	753300	1.87	464	0
CWSCO	2019-02-0	AP001788	122	753300	6.33	449	0
CWSCO	2019-02-0	AP001788	122	753300	154.9	435	0
CWSCO	2019-02-0	AP001788	122	753300	3.72	419	0
CWSCO	2019-02-0	AP001788	122	753300	10.75	404	0
CWSCO	2019-02-0	AP001788	122	753300	9	388	0
CWSCO	2019-02-0	AP001788	122	753300	57.63	373	0
CWSCO	2019-02-0	AP001788	122	753300	0.05	357	0
CWSCO	2019-02-0	AP001788	122	753300	9.04	342	0
CWSCO	2019-02-0	AP001788	122	753300	32.42	327	0
CWSCO	2019-03-0	AC_AP_1	122	753300	-41.13	20	0
CWSCO	2019-02-2	AC_AP_1	122	753300	41.13	20	0
CWSCO	2020-04-2	EXP02033	122	753300	35.17	101	0
CWSCO	2020-11-3	08_30OBS	122	754200	560	33	0
CWSCO	2020-10-3	08_30OBS	122	754200	25600	39	0
CWSCO	2020-09-3	08_30OBS	122	754200	320	45	0
CWSCO	2020-08-3	08_30OBS	122	754200	640	36	0
CWSCO	2020-06-3	08_30OBS	122	754200	7200	33	0
CWSCO	2020-05-3	08_30OBS	122	754200	640	42	0
CWSCO	2020-04-3	08_30OBS	122	754200	800	24	0
CWSCO	2020-02-2	08_30OBS	122	754200	800	45	0
CWSCO	2020-01-3	08_30OBS	122	754200	1600	15	0
CWSCO	2020-09-3	RCL09302	122	756000	-1793.66	26	0
CWSCO	2020-12-3	RA002173	122	756000	225.01	1100	0
CWSCO	2020-12-3	RA002173	122	756000	43.97	1098	0

CWSCO	2020-12-3	RA002173	122	756000	33.93	1096	0
CWSCO	2020-12-3	RA002173	122	756000	78.04	1094	0
CWSCO	2020-12-3	RA002173	122	756000	8000	51	0
CWSCO	2020-12-0	RA002155	122	756000	-26.34	1410	0
CWSCO	2020-12-0	RA002155	122	756000	-141.43	464	0
CWSCO	2020-12-0	RA002155	122	756000	-149.41	462	0
CWSCO	2020-12-0	RA002155	122	756000	-8000	59	0
CWSCO	2020-11-3	RA002155	122	756000	26.34	1410	0
CWSCO	2020-11-3	RA002155	122	756000	141.43	464	0
CWSCO	2020-11-3	RA002155	122	756000	149.41	462	0
CWSCO	2020-11-3	RA002155	122	756000	8000	59	0
CWSCO	2020-11-0	RA002140	122	756000	-141.43	749	0
CWSCO	2020-11-0	RA002140	122	756000	-149.41	747	0
CWSCO	2020-11-0	RA002140	122	756000	-8000	59	0
CWSCO	2020-10-3	RA002140	122	756000	141.43	749	0
CWSCO	2020-10-3	RA002140	122	756000	149.41	747	0
CWSCO	2020-10-3	RA002140	122	756000	8000	59	0
CWSCO	2020-10-0	RA002122	122	756000	-141.43	1293	0
CWSCO	2020-10-0	RA002122	122	756000	-149.41	1291	0
CWSCO	2020-10-0	RA002122	122	756000	-5.03	703	0
CWSCO	2020-10-0	RA002122	122	756000	-8000	61	0
CWSCO	2020-09-3	RA002122	122	756000	141.43	1293	0
CWSCO	2020-09-3	RA002122	122	756000	149.41	1291	0
CWSCO	2020-09-3	RA002122	122	756000	5.03	703	0
CWSCO	2020-09-3	RA002122	122	756000	8000	61	0
CWSCO	2020-09-0	RA002105	122	756000	-149.41	1023	0
CWSCO	2020-09-0	RA002105	122	756000	-8000	63	0
CWSCO	2020-08-3	RA002105	122	756000	149.41	1023	0
CWSCO	2020-08-3	RA002105	122	756000	8000	63	0
CWSCO	2020-08-0	RA002089	122	756000	-71.06	2273	0
CWSCO	2020-08-0	RA002089	122	756000	-748	2271	0
CWSCO	2020-08-0	RA002089	122	756000	-8000	75	0
CWSCO	2020-07-3	RA002089	122	756000	71.06	2273	0
CWSCO	2020-07-3	RA002089	122	756000	748	2271	0
CWSCO	2020-07-3	RA002089	122	756000	8000	75	0
CWSCO	2020-07-0	RA002071	122	756000	-8000	118	0
CWSCO	2020-06-3	RA002071	122	756000	8000	118	0
CWSCO	2020-06-0	RA002055	122	756000	-8000	126	0
CWSCO	2020-05-3	RA002055	122	756000	8000	126	0
CWSCO	2020-05-0	RA002040	122	756000	-8000	188	0
CWSCO	2020-04-3	RA002040	122	756000	8000	188	0
CWSCO	2020-04-0	RA002023	122	756000	-8000	396	0
CWSCO	2020-03-3	RA002023	122	756000	8000	396	0
CWSCO	2020-03-0	RA002005	122	756000	-8000	578	0

CWSCO	2020-03-0	RA002005	122	756000	-14	538	0
CWSCO	2020-02-2	RA002005	122	756000	8000	578	0
CWSCO	2020-02-2	RA002005	122	756000	14	538	0
CWSCO	2020-02-0	RA001990	122	756000	-57.65	1336	0
CWSCO	2020-02-0	RA001990	122	756000	-606.8	1334	0
CWSCO	2020-02-0	RA001990	122	756000	-8000	834	0
CWSCO	2020-02-0	RA001990	122	756000	-14	794	0
CWSCO	2020-02-0	RA001990	122	756000	-2614.07	553	0
CWSCO	2020-01-3	RA001990	122	756000	57.65	1336	0
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CWSCO	2020-01-3	RA001990	122	756000	8000	834	0
CWSCO	2020-01-3	RA001990	122	756000	14	794	0
CWSCO	2020-01-3	RA001990	122	756000	2614.07	553	0
CWSCO	2020-01-0	RA001973	122	756000	-8000	1707	0
CWSCO	2020-01-0	RA001973	122	756000	-14	1649	0
CWSCO	2020-01-0	RA001973	122	756000	-1975	1478	0
CWSCO	2020-01-0	RA001973	122	756000	-2614.07	980	0
CWSCO	2020-12-0	INV021673	122	756000	1519.23	3	0
CWSCO	2020-07-2	INV020889	122	756000	136.44	4	0
CWSCO	2020-04-2	INV020395	122	756000	391.06	3	0
CWSCO	2020-03-3	INV020229	122	756000	9.22	4	0
CWSCO	2020-12-2	EXP02167	122	756000	57.33	301	0
CWSCO	2020-11-0	EXP02141	122	756000	153.36	499	0
CWSCO	2020-10-0	EXP02127	122	756000	43.79	697	0
CWSCO	2020-10-0	EXP02127	122	756000	54.36	695	0
CWSCO	2020-09-1	EXP02113	122	756000	391.65	243	0
CWSCO	2020-09-1	EXP02113	122	756000	22.69	189	0
CWSCO	2020-09-1	EXP02113	122	756000	174.05	171	0
CWSCO	2020-09-0	EXP02107	122	756000	182.99	183	0
CWSCO	2020-08-2	EXP02101	122	756000	329.74	191	0
CWSCO	2020-08-1	EXP02097	122	756000	68.77	117	0
CWSCO	2020-08-1	EXP02096	122	756000	165.93	589	0
CWSCO	2020-08-0	EXP02092	122	756000	32.8	157	0
CWSCO	2020-08-0	EXP02092	122	756000	35.03	143	0
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CWSCO	2020-08-0	EXP02092	122	756000	13.25	741	0
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CWSCO	2020-07-1	EXP02077	122	756000	10.94	17	0
CWSCO	2020-07-1	EXP02077	122	756000	21.89	5	0
CWSCO	2020-06-2	EXP02067	122	756000	47.72	53	0
CWSCO	2020-06-2	EXP02065	122	756000	215.14	21	0
CWSCO	2020-06-1	EXP02064	122	756000	740.69	485	0



CWSCO	2020-06-01	EXP020581	122	756000	48.85	1333	0
CWSCO	2020-06-01	EXP020581	122	756000	40.46	1265	0
CWSCO	2020-06-01	EXP020568	122	756000	71.13	99	0
CWSCO	2020-05-21	EXP020527	122	756000	263.87	253	0
CWSCO	2020-05-21	EXP020527	122	756000	202.1	251	0
CWSCO	2020-05-21	EXP020527	122	756000	286.3	245	0
CWSCO	2020-04-21	EXP020338	122	756000	42.05	83	0
CWSCO	2020-04-01	EXP020274	122	756000	35.59	17	0
CWSCO	2020-03-31	EXP020207	122	756000	45.21	329	0
CWSCO	2020-03-11	EXP020140	122	756000	238.71	95	0
CWSCO	2020-03-01	EXP020068	122	756000	31.99	47	0
CWSCO	2020-03-01	EXP020068	122	756000	227.91	35	0
CWSCO	2020-03-01	EXP020068	122	756000	1663.15	33	0
CWSCO	2020-01-21	EXP019853	122	756000	65.63	843	0
CWSCO	2020-01-21	EXP019828	122	756000	98.6	131	0
CWSCO	2020-12-31	APA123120	122	756000	111.46	301	0
CWSCO	2020-12-31	APA123120	122	756000	360.32	300	0
CWSCO	2020-01-01	APA123119	122	756000	-143.71	1609	0
CWSCO	2020-01-01	APA123119	122	756000	-143.71	1608	0
CWSCO	2020-01-01	APA123119	122	756000	-143.71	1607	0
CWSCO	2020-01-01	APA123119	122	756000	-143.71	1604	0
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CWSCO	2020-01-01	APA123119	122	756000	-194.62	1352	0
CWSCO	2020-01-01	APA123119	122	756000	-193.82	1350	0
CWSCO	2020-12-01	APA113020	122	756000	-342.81	318	0
CWSCO	2020-12-01	APA113020	122	756000	-24.08	316	0
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CWSCO	2020-12-01	APA113020	122	756000	-48.15	307	0
CWSCO	2020-12-01	APA113020	122	756000	-310.26	306	0
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CWSCO	2020-11-30	APA113020	122	756000	48.15	307	0
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CWSCO	2020-11-01	APA103120	122	756000	-183.83	796	0
CWSCO	2020-11-01	APA103120	122	756000	-528.83	321	0
CWSCO	2020-11-01	APA103120	122	756000	-37.15	253	0
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CWSCO	2020-11-01	APA103120	122	756000	-310.26	246	0
CWSCO	2020-11-01	APA103120	122	756000	-640.64	245	0
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CWSCO	2020-10-3	APA10312(122	756000	183.83	796	0
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CWSCO	2020-11-1	AP002145	122	756000	982.67	1008	0
CWSCO	2020-11-0	AP002143	122	756000	37.15	1014	0
CWSCO	2020-11-0	AP002141	122	756000	490.53	426	0
CWSCO	2020-10-2	AP002137	122	756000	13.53	1406	0
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CWSCO	2020-09-29	AP0021172	122	756000	13.99	945	0
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CWSCO	2020-09-18	AP0021131	122	756000	149.41	1092	0
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CWSCO	2020-09-08	AP0021099	122	756000	13.21	930	0
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CWSCO	2020-08-27	AP0021022	122	756000	12.73	1119	0
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CWSCO	2020-08-08	AP0020912	122	756000	960.86	832	0
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CWSCO	2020-07-2	AP002085	122	756000	14.76	1353	0
CWSCO	2020-07-2	AP002085	122	756000	14.52	1352	0
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CWSCO	2020-01-01	AP001974	122	756000	10.5	1089	0
CWSCO	2020-01-01	AP001974	122	756000	11.13	1088	0
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CWSCO	2020-09-01	ACAP0909	122	756000	-7580	585	0
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CWSCO	2020-08-01	ACAP0810	122	756000	-561.43	496	0
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CWSCO	2022-12-3	EXPC1231	117	756000	100	2109	0

CWSCO	2022-12-3	EXPC1231:117	756000	23.81	2102	0
CWSCO	2022-12-3	EXPC1231:117	756000	24.99	2101	0
CWSCO	2022-12-3	EXPC1231:117	756000	54.52	2094	0
CWSCO	2022-12-3	EXPC1231:117	756000	57.17	2093	0
CWSCO	2022-12-3	EXPC1231:117	756000	1018.05	2092	0
CWSCO	2022-12-3	EXPC1231:117	756000	86.78	2090	0
CWSCO	2022-12-3	EXPC1231:117	756000	178.98	2082	0
CWSCO	2022-12-3	EXPC1231:117	756000	312.17	2070	0
CWSCO	2022-12-3	EXPC1231:117	756000	8.64	2065	0
CWSCO	2022-12-3	EXPC1231:117	756000	146.27	2064	0
CWSCO	2022-12-3	EXPC1231:117	756000	13.78	2062	0
CWSCO	2022-12-3	EXPC1231:117	756000	85.69	2058	0
CWSCO	2022-12-3	EXPC1231:117	756000	24.99	2056	0
CWSCO	2022-12-3	EXPC1231:117	756000	36.86	2054	0
CWSCO	2022-12-3	EXPC1231:117	756000	57.65	2052	0
CWSCO	2022-01-0	EXPC1231:117	756000	-20.71	1415	0
CWSCO	2022-01-0	EXPC1231:117	756000	-16.21	1414	0
CWSCO	2022-01-0	EXPC1231:117	756000	-188.1	1413	0
CWSCO	2022-01-0	EXPC1231:117	756000	-242.45	1412	0
CWSCO	2022-01-0	EXPC1231:117	756000	-35.92	1411	0
CWSCO	2022-01-0	EXPC1231:117	756000	-243.98	1403	0
CWSCO	2022-01-0	EXPC1231:117	756000	-132	1402	0
CWSCO	2022-01-0	EXPC1231:117	756000	-97.48	1401	0
CWSCO	2022-12-0	EXPC1130:117	756000	-24.76	2509	0
CWSCO	2022-12-0	EXPC1130:117	756000	-39.01	2505	0
CWSCO	2022-12-0	EXPC1130:117	756000	-18.4	2490	0
CWSCO	2022-12-0	EXPC1130:117	756000	-373.35	2489	0
CWSCO	2022-12-0	EXPC1130:117	756000	-9.7	2487	0
CWSCO	2022-12-0	EXPC1130:117	756000	-97.62	2486	0
CWSCO	2022-12-0	EXPC1130:117	756000	156.66	2484	0
CWSCO	2022-12-0	EXPC1130:117	756000	9.7	2483	0
CWSCO	2022-12-0	EXPC1130:117	756000	-32.52	2482	0
CWSCO	2022-12-0	EXPC1130:117	756000	-218.42	2481	0
CWSCO	2022-12-0	EXPC1130:117	756000	-34.45	2480	0
CWSCO	2022-12-0	EXPC1130:117	756000	-194.59	2467	0
CWSCO	2022-12-0	EXPC1130:117	756000	-58.79	2464	0
CWSCO	2022-12-0	EXPC1130:117	756000	-14.09	2456	0
CWSCO	2022-12-0	EXPC1130:117	756000	-53.15	2447	0
CWSCO	2022-12-0	EXPC1130:117	756000	-94.61	2440	0
CWSCO	2022-12-0	EXPC1130:117	756000	-19.99	2435	0
CWSCO	2022-12-0	EXPC1130:117	756000	-179.83	2431	0
CWSCO	2022-12-0	EXPC1130:117	756000	-39.03	2408	0
CWSCO	2022-12-0	EXPC1130:117	756000	-1939	2393	0
CWSCO	2022-12-0	EXPC1130:117	756000	-252.42	2392	0

CWSCO	2022-12-0	EXPC1130:117	756000	-100	2390	0
CWSCO	2022-12-0	EXPC1130:117	756000	-24.99	2380	0
CWSCO	2022-11-3	EXPC1130:117	756000	24.76	2509	0
CWSCO	2022-11-3	EXPC1130:117	756000	39.01	2505	0
CWSCO	2022-11-3	EXPC1130:117	756000	18.4	2490	0
CWSCO	2022-11-3	EXPC1130:117	756000	373.35	2489	0
CWSCO	2022-11-3	EXPC1130:117	756000	9.7	2487	0
CWSCO	2022-11-3	EXPC1130:117	756000	97.62	2486	0
CWSCO	2022-11-3	EXPC1130:117	756000	-156.66	2484	0
CWSCO	2022-11-3	EXPC1130:117	756000	-9.7	2483	0
CWSCO	2022-11-3	EXPC1130:117	756000	32.52	2482	0
CWSCO	2022-11-3	EXPC1130:117	756000	218.42	2481	0
CWSCO	2022-11-3	EXPC1130:117	756000	34.45	2480	0
CWSCO	2022-11-3	EXPC1130:117	756000	194.59	2467	0
CWSCO	2022-11-3	EXPC1130:117	756000	58.79	2464	0
CWSCO	2022-11-3	EXPC1130:117	756000	14.09	2456	0
CWSCO	2022-11-3	EXPC1130:117	756000	53.15	2447	0
CWSCO	2022-11-3	EXPC1130:117	756000	94.61	2440	0
CWSCO	2022-11-3	EXPC1130:117	756000	19.99	2435	0
CWSCO	2022-11-3	EXPC1130:117	756000	179.83	2431	0
CWSCO	2022-11-3	EXPC1130:117	756000	39.03	2408	0
CWSCO	2022-11-3	EXPC1130:117	756000	1939	2393	0
CWSCO	2022-11-3	EXPC1130:117	756000	252.42	2392	0
CWSCO	2022-11-3	EXPC1130:117	756000	100	2390	0
CWSCO	2022-11-3	EXPC1130:117	756000	24.99	2380	0
CWSCO	2022-11-0	EXPC1031:117	756000	-1000	2158	0
CWSCO	2022-11-0	EXPC1031:117	756000	-94.61	2157	0
CWSCO	2022-11-0	EXPC1031:117	756000	-53.15	2156	0
CWSCO	2022-11-0	EXPC1031:117	756000	-194.59	2155	0
CWSCO	2022-11-0	EXPC1031:117	756000	-58.79	2154	0
CWSCO	2022-11-0	EXPC1031:117	756000	-34.45	2153	0
CWSCO	2022-11-0	EXPC1031:117	756000	-218.42	2152	0
CWSCO	2022-11-0	EXPC1031:117	756000	9.7	2151	0
CWSCO	2022-11-0	EXPC1031:117	756000	156.66	2150	0
CWSCO	2022-11-0	EXPC1031:117	756000	-32.52	2149	0
CWSCO	2022-11-0	EXPC1031:117	756000	-373.35	2148	0
CWSCO	2022-11-0	EXPC1031:117	756000	-18.4	2147	0
CWSCO	2022-11-0	EXPC1031:117	756000	-9.7	2146	0
CWSCO	2022-11-0	EXPC1031:117	756000	-97.62	2145	0
CWSCO	2022-11-0	EXPC1031:117	756000	-19.99	2132	0
CWSCO	2022-11-0	EXPC1031:117	756000	-39.01	2131	0
CWSCO	2022-11-0	EXPC1031:117	756000	-14.09	2130	0
CWSCO	2022-11-0	EXPC1031:117	756000	-24.76	2129	0
CWSCO	2022-11-0	EXPC1031:117	756000	-564.23	2123	0



CWSCO	2022-11-0	EXPC1031:117	756000	-31.36	2122	0
CWSCO	2022-11-0	EXPC1031:117	756000	-73.53	2121	0
CWSCO	2022-11-0	EXPC1031:117	756000	-44.49	2120	0
CWSCO	2022-11-0	EXPC1031:117	756000	-35.98	2116	0
CWSCO	2022-11-0	EXPC1031:117	756000	-24.41	2112	0
CWSCO	2022-11-0	EXPC1031:117	756000	-18.42	2110	0
CWSCO	2022-11-0	EXPC1031:117	756000	-64.87	2109	0
CWSCO	2022-11-0	EXPC1031:117	756000	-30.42	2106	0
CWSCO	2022-10-3	EXPC1031:117	756000	1000	2158	0
CWSCO	2022-10-3	EXPC1031:117	756000	94.61	2157	0
CWSCO	2022-10-3	EXPC1031:117	756000	53.15	2156	0
CWSCO	2022-10-3	EXPC1031:117	756000	194.59	2155	0
CWSCO	2022-10-3	EXPC1031:117	756000	58.79	2154	0
CWSCO	2022-10-3	EXPC1031:117	756000	34.45	2153	0
CWSCO	2022-10-3	EXPC1031:117	756000	218.42	2152	0
CWSCO	2022-10-3	EXPC1031:117	756000	-9.7	2151	0
CWSCO	2022-10-3	EXPC1031:117	756000	-156.66	2150	0
CWSCO	2022-10-3	EXPC1031:117	756000	32.52	2149	0
CWSCO	2022-10-3	EXPC1031:117	756000	373.35	2148	0
CWSCO	2022-10-3	EXPC1031:117	756000	18.4	2147	0
CWSCO	2022-10-3	EXPC1031:117	756000	9.7	2146	0
CWSCO	2022-10-3	EXPC1031:117	756000	97.62	2145	0
CWSCO	2022-10-3	EXPC1031:117	756000	19.99	2132	0
CWSCO	2022-10-3	EXPC1031:117	756000	39.01	2131	0
CWSCO	2022-10-3	EXPC1031:117	756000	14.09	2130	0
CWSCO	2022-10-3	EXPC1031:117	756000	24.76	2129	0
CWSCO	2022-10-3	EXPC1031:117	756000	564.23	2123	0
CWSCO	2022-10-3	EXPC1031:117	756000	31.36	2122	0
CWSCO	2022-10-3	EXPC1031:117	756000	73.53	2121	0
CWSCO	2022-10-3	EXPC1031:117	756000	44.49	2120	0
CWSCO	2022-10-3	EXPC1031:117	756000	35.98	2116	0
CWSCO	2022-10-3	EXPC1031:117	756000	24.41	2112	0
CWSCO	2022-10-3	EXPC1031:117	756000	18.42	2110	0
CWSCO	2022-10-3	EXPC1031:117	756000	64.87	2109	0
CWSCO	2022-10-3	EXPC1031:117	756000	30.42	2106	0
CWSCO	2022-10-0	EXPC0930:117	756000	-25.96	2334	0
CWSCO	2022-10-0	EXPC0930:117	756000	-180.43	2333	0
CWSCO	2022-10-0	EXPC0930:117	756000	-246.25	2332	0
CWSCO	2022-10-0	EXPC0930:117	756000	-63.84	2328	0
CWSCO	2022-10-0	EXPC0930:117	756000	-237.09	2325	0
CWSCO	2022-10-0	EXPC0930:117	756000	-20.19	2310	0
CWSCO	2022-10-0	EXPC0930:117	756000	-17.96	2306	0
CWSCO	2022-10-0	EXPC0930:117	756000	-74.98	2296	0
CWSCO	2022-10-0	EXPC0930:117	756000	-194.17	2289	0

CWSCO	2022-10-0	EXPC0930:117	756000	-34.8	2275	0
CWSCO	2022-10-0	EXPC0930:117	756000	-51.49	2270	0
CWSCO	2022-10-0	EXPC0930:117	756000	-544.99	2269	0
CWSCO	2022-10-0	EXPC0930:117	756000	-43.13	2267	0
CWSCO	2022-10-0	EXPC0930:117	756000	-24.76	2240	0
CWSCO	2022-10-0	EXPC0930:117	756000	-39.01	2235	0
CWSCO	2022-10-0	EXPC0930:117	756000	-732.21	2231	0
CWSCO	2022-10-0	EXPC0930:117	756000	-60.03	2219	0
CWSCO	2022-10-0	EXPC0930:117	756000	-373.35	2217	0
CWSCO	2022-10-0	EXPC0930:117	756000	-18.4	2216	0
CWSCO	2022-10-0	EXPC0930:117	756000	-9.7	2214	0
CWSCO	2022-10-0	EXPC0930:117	756000	-97.62	2213	0
CWSCO	2022-10-0	EXPC0930:117	756000	-218.42	2210	0
CWSCO	2022-10-0	EXPC0930:117	756000	9.7	2209	0
CWSCO	2022-10-0	EXPC0930:117	756000	156.66	2208	0
CWSCO	2022-10-0	EXPC0930:117	756000	-32.52	2207	0
CWSCO	2022-10-0	EXPC0930:117	756000	-34.45	2206	0
CWSCO	2022-10-0	EXPC0930:117	756000	-62.18	2205	0
CWSCO	2022-10-0	EXPC0930:117	756000	-81.51	2189	0
CWSCO	2022-09-31	EXPC0930:117	756000	25.96	2334	0
CWSCO	2022-09-31	EXPC0930:117	756000	180.43	2333	0
CWSCO	2022-09-31	EXPC0930:117	756000	246.25	2332	0
CWSCO	2022-09-31	EXPC0930:117	756000	63.84	2328	0
CWSCO	2022-09-31	EXPC0930:117	756000	237.09	2325	0
CWSCO	2022-09-31	EXPC0930:117	756000	20.19	2310	0
CWSCO	2022-09-31	EXPC0930:117	756000	17.96	2306	0
CWSCO	2022-09-31	EXPC0930:117	756000	74.98	2296	0
CWSCO	2022-09-31	EXPC0930:117	756000	194.17	2289	0
CWSCO	2022-09-31	EXPC0930:117	756000	34.8	2275	0
CWSCO	2022-09-31	EXPC0930:117	756000	51.49	2270	0
CWSCO	2022-09-31	EXPC0930:117	756000	544.99	2269	0
CWSCO	2022-09-31	EXPC0930:117	756000	43.13	2267	0
CWSCO	2022-09-31	EXPC0930:117	756000	24.76	2240	0
CWSCO	2022-09-31	EXPC0930:117	756000	39.01	2235	0
CWSCO	2022-09-31	EXPC0930:117	756000	732.21	2231	0
CWSCO	2022-09-31	EXPC0930:117	756000	60.03	2219	0
CWSCO	2022-09-31	EXPC0930:117	756000	373.35	2217	0
CWSCO	2022-09-31	EXPC0930:117	756000	18.4	2216	0
CWSCO	2022-09-31	EXPC0930:117	756000	9.7	2214	0
CWSCO	2022-09-31	EXPC0930:117	756000	97.62	2213	0
CWSCO	2022-09-31	EXPC0930:117	756000	218.42	2210	0
CWSCO	2022-09-31	EXPC0930:117	756000	-9.7	2209	0
CWSCO	2022-09-31	EXPC0930:117	756000	-156.66	2208	0
CWSCO	2022-09-31	EXPC0930:117	756000	32.52	2207	0

CWSCO	2022-09-30	EXPC0930:117	756000	34.45	2206	0
CWSCO	2022-09-30	EXPC0930:117	756000	62.18	2205	0
CWSCO	2022-09-30	EXPC0930:117	756000	81.51	2189	0
CWSCO	2022-09-0	EXPC0831:117	756000	-24.76	1883	0
CWSCO	2022-09-0	EXPC0831:117	756000	-163.99	1845	0
CWSCO	2022-09-0	EXPC0831:117	756000	-80.81	1840	0
CWSCO	2022-09-0	EXPC0831:117	756000	-17.96	1825	0
CWSCO	2022-09-0	EXPC0831:117	756000	-237.09	1805	0
CWSCO	2022-09-0	EXPC0831:117	756000	-63.84	1802	0
CWSCO	2022-09-0	EXPC0831:117	756000	-180.43	1785	0
CWSCO	2022-09-0	EXPC0831:117	756000	-25.96	1780	0
CWSCO	2022-09-0	EXPC0831:117	756000	-111.71	1773	0
CWSCO	2022-09-0	EXPC0831:117	756000	-51.49	1768	0
CWSCO	2022-09-0	EXPC0831:117	756000	-544.99	1767	0
CWSCO	2022-09-0	EXPC0831:117	756000	-34.8	1765	0
CWSCO	2022-09-0	EXPC0831:117	756000	-194.17	1760	0
CWSCO	2022-09-0	EXPC0831:117	756000	-74.98	1756	0
CWSCO	2022-08-3	EXPC0831:117	756000	24.76	1883	0
CWSCO	2022-08-3	EXPC0831:117	756000	163.99	1845	0
CWSCO	2022-08-3	EXPC0831:117	756000	80.81	1840	0
CWSCO	2022-08-3	EXPC0831:117	756000	17.96	1825	0
CWSCO	2022-08-3	EXPC0831:117	756000	237.09	1805	0
CWSCO	2022-08-3	EXPC0831:117	756000	63.84	1802	0
CWSCO	2022-08-3	EXPC0831:117	756000	180.43	1785	0
CWSCO	2022-08-3	EXPC0831:117	756000	25.96	1780	0
CWSCO	2022-08-3	EXPC0831:117	756000	111.71	1773	0
CWSCO	2022-08-3	EXPC0831:117	756000	51.49	1768	0
CWSCO	2022-08-3	EXPC0831:117	756000	544.99	1767	0
CWSCO	2022-08-3	EXPC0831:117	756000	34.8	1765	0
CWSCO	2022-08-3	EXPC0831:117	756000	194.17	1760	0
CWSCO	2022-08-3	EXPC0831:117	756000	74.98	1756	0
CWSCO	2022-08-0	EXPC0731:117	756000	-239.01	2305	0
CWSCO	2022-08-0	EXPC0731:117	756000	-96.86	2301	0
CWSCO	2022-08-0	EXPC0731:117	756000	-122.68	2298	0
CWSCO	2022-08-0	EXPC0731:117	756000	-558.7	2297	0
CWSCO	2022-08-0	EXPC0731:117	756000	-88.87	2294	0
CWSCO	2022-08-0	EXPC0731:117	756000	21.75	2292	0
CWSCO	2022-08-0	EXPC0731:117	756000	-10.75	2289	0
CWSCO	2022-08-0	EXPC0731:117	756000	-17.35	2276	0
CWSCO	2022-08-0	EXPC0731:117	756000	17.35	2274	0
CWSCO	2022-08-0	EXPC0731:117	756000	-29.99	2270	0
CWSCO	2022-08-0	EXPC0731:117	756000	-111.71	2260	0
CWSCO	2022-08-0	EXPC0731:117	756000	-25.96	2252	0
CWSCO	2022-08-0	EXPC0731:117	756000	-180.43	2247	0

CWSCO	2022-08-0	EXPC0731:117	756000	-63.84	2229	0
CWSCO	2022-08-0	EXPC0731:117	756000	-237.09	2224	0
CWSCO	2022-08-0	EXPC0731:117	756000	-17.96	2205	0
CWSCO	2022-08-0	EXPC0731:117	756000	-61.78	2202	0
CWSCO	2022-08-0	EXPC0731:117	756000	-20.6	2198	0
CWSCO	2022-08-0	EXPC0731:117	756000	-120.97	2197	0
CWSCO	2022-08-0	EXPC0731:117	756000	-71.43	2195	0
CWSCO	2022-08-0	EXPC0731:117	756000	-33.61	2189	0
CWSCO	2022-08-0	EXPC0731:117	756000	-194.17	2184	0
CWSCO	2022-08-0	EXPC0731:117	756000	-28.18	2179	0
CWSCO	2022-08-0	EXPC0731:117	756000	-80.81	2175	0
CWSCO	2022-08-0	EXPC0731:117	756000	-127.18	2174	0
CWSCO	2022-08-0	EXPC0731:117	756000	-29.99	2163	0
CWSCO	2022-08-0	EXPC0731:117	756000	-163.99	2158	0
CWSCO	2022-07-3	EXPC0731:117	756000	239.01	2305	0
CWSCO	2022-07-3	EXPC0731:117	756000	96.86	2301	0
CWSCO	2022-07-3	EXPC0731:117	756000	122.68	2298	0
CWSCO	2022-07-3	EXPC0731:117	756000	558.7	2297	0
CWSCO	2022-07-3	EXPC0731:117	756000	88.87	2294	0
CWSCO	2022-07-3	EXPC0731:117	756000	-21.75	2292	0
CWSCO	2022-07-3	EXPC0731:117	756000	10.75	2289	0
CWSCO	2022-07-3	EXPC0731:117	756000	17.35	2276	0
CWSCO	2022-07-3	EXPC0731:117	756000	-17.35	2274	0
CWSCO	2022-07-3	EXPC0731:117	756000	29.99	2270	0
CWSCO	2022-07-3	EXPC0731:117	756000	111.71	2260	0
CWSCO	2022-07-3	EXPC0731:117	756000	25.96	2252	0
CWSCO	2022-07-3	EXPC0731:117	756000	180.43	2247	0
CWSCO	2022-07-3	EXPC0731:117	756000	63.84	2229	0
CWSCO	2022-07-3	EXPC0731:117	756000	237.09	2224	0
CWSCO	2022-07-3	EXPC0731:117	756000	17.96	2205	0
CWSCO	2022-07-3	EXPC0731:117	756000	61.78	2202	0
CWSCO	2022-07-3	EXPC0731:117	756000	20.6	2198	0
CWSCO	2022-07-3	EXPC0731:117	756000	120.97	2197	0
CWSCO	2022-07-3	EXPC0731:117	756000	71.43	2195	0
CWSCO	2022-07-3	EXPC0731:117	756000	33.61	2189	0
CWSCO	2022-07-3	EXPC0731:117	756000	194.17	2184	0
CWSCO	2022-07-3	EXPC0731:117	756000	28.18	2179	0
CWSCO	2022-07-3	EXPC0731:117	756000	80.81	2175	0
CWSCO	2022-07-3	EXPC0731:117	756000	127.18	2174	0
CWSCO	2022-07-3	EXPC0731:117	756000	29.99	2163	0
CWSCO	2022-07-3	EXPC0731:117	756000	163.99	2158	0
CWSCO	2022-07-0	EXPC0630:117	756000	-23.83	2396	0
CWSCO	2022-07-0	EXPC0630:117	756000	69.46	2394	0
CWSCO	2022-07-0	EXPC0630:117	756000	-26.01	2390	0

CWSCO	2022-07-0	EXPC0630:117	756000	-68.15	2389	0
CWSCO	2022-07-0	EXPC0630:117	756000	68.15	2388	0
CWSCO	2022-07-0	EXPC0630:117	756000	-48.05	2387	0
CWSCO	2022-07-0	EXPC0630:117	756000	-115.34	2385	0
CWSCO	2022-07-0	EXPC0630:117	756000	-70.41	2384	0
CWSCO	2022-07-0	EXPC0630:117	756000	-544.99	2379	0
CWSCO	2022-07-0	EXPC0630:117	756000	-18.92	2377	0
CWSCO	2022-07-0	EXPC0630:117	756000	-174.15	2376	0
CWSCO	2022-07-0	EXPC0630:117	756000	-45.31	2360	0
CWSCO	2022-07-0	EXPC0630:117	756000	-17.76	2359	0
CWSCO	2022-07-0	EXPC0630:117	756000	-23.82	2358	0
CWSCO	2022-07-0	EXPC0630:117	756000	-202.34	2357	0
CWSCO	2022-07-0	EXPC0630:117	756000	-207.39	2356	0
CWSCO	2022-07-0	EXPC0630:117	756000	-16.68	2347	0
CWSCO	2022-07-0	EXPC0630:117	756000	-111.71	2346	0
CWSCO	2022-07-0	EXPC0630:117	756000	-239.01	2342	0
CWSCO	2022-07-0	EXPC0630:117	756000	-96.86	2338	0
CWSCO	2022-07-0	EXPC0630:117	756000	-122.68	2335	0
CWSCO	2022-07-0	EXPC0630:117	756000	-558.7	2332	0
CWSCO	2022-07-0	EXPC0630:117	756000	-88.87	2327	0
CWSCO	2022-07-0	EXPC0630:117	756000	-25.96	2325	0
CWSCO	2022-07-0	EXPC0630:117	756000	21.75	2320	0
CWSCO	2022-07-0	EXPC0630:117	756000	-180.43	2318	0
CWSCO	2022-07-0	EXPC0630:117	756000	-10.75	2311	0
CWSCO	2022-07-0	EXPC0630:117	756000	-1182.22	2289	0
CWSCO	2022-07-0	EXPC0630:117	756000	-63.84	2275	0
CWSCO	2022-07-0	EXPC0630:117	756000	-237.09	2270	0
CWSCO	2022-07-0	EXPC0630:117	756000	-585.77	2260	0
CWSCO	2022-07-0	EXPC0630:117	756000	-58.24	2253	0
CWSCO	2022-07-0	EXPC0630:117	756000	-29.99	2233	0
CWSCO	2022-07-0	EXPC0630:117	756000	-86.77	2228	0
CWSCO	2022-07-0	EXPC0630:117	756000	-112.76	2225	0
CWSCO	2022-07-0	EXPC0630:117	756000	-81.07	2223	0
CWSCO	2022-07-0	EXPC0630:117	756000	-583.6	2221	0
CWSCO	2022-07-0	EXPC0630:117	756000	-17.96	2220	0
CWSCO	2022-06-21	EXPC0630:117	756000	23.83	2396	0
CWSCO	2022-06-21	EXPC0630:117	756000	-69.46	2394	0
CWSCO	2022-06-21	EXPC0630:117	756000	26.01	2390	0
CWSCO	2022-06-21	EXPC0630:117	756000	68.15	2389	0
CWSCO	2022-06-21	EXPC0630:117	756000	-68.15	2388	0
CWSCO	2022-06-21	EXPC0630:117	756000	48.05	2387	0
CWSCO	2022-06-21	EXPC0630:117	756000	115.34	2385	0
CWSCO	2022-06-21	EXPC0630:117	756000	70.41	2384	0
CWSCO	2022-06-21	EXPC0630:117	756000	544.99	2379	0

CWSCO	2022-06-2	EXPC0630:117	756000	18.92	2377	0
CWSCO	2022-06-2	EXPC0630:117	756000	174.15	2376	0
CWSCO	2022-06-2	EXPC0630:117	756000	45.31	2360	0
CWSCO	2022-06-2	EXPC0630:117	756000	17.76	2359	0
CWSCO	2022-06-2	EXPC0630:117	756000	23.82	2358	0
CWSCO	2022-06-2	EXPC0630:117	756000	202.34	2357	0
CWSCO	2022-06-2	EXPC0630:117	756000	207.39	2356	0
CWSCO	2022-06-2	EXPC0630:117	756000	16.68	2347	0
CWSCO	2022-06-2	EXPC0630:117	756000	111.71	2346	0
CWSCO	2022-06-2	EXPC0630:117	756000	239.01	2342	0
CWSCO	2022-06-2	EXPC0630:117	756000	96.86	2338	0
CWSCO	2022-06-2	EXPC0630:117	756000	122.68	2335	0
CWSCO	2022-06-2	EXPC0630:117	756000	558.7	2332	0
CWSCO	2022-06-2	EXPC0630:117	756000	88.87	2327	0
CWSCO	2022-06-2	EXPC0630:117	756000	25.96	2325	0
CWSCO	2022-06-2	EXPC0630:117	756000	-21.75	2320	0
CWSCO	2022-06-2	EXPC0630:117	756000	180.43	2318	0
CWSCO	2022-06-2	EXPC0630:117	756000	10.75	2311	0
CWSCO	2022-06-2	EXPC0630:117	756000	1182.22	2289	0
CWSCO	2022-06-2	EXPC0630:117	756000	63.84	2275	0
CWSCO	2022-06-2	EXPC0630:117	756000	237.09	2270	0
CWSCO	2022-06-2	EXPC0630:117	756000	585.77	2260	0
CWSCO	2022-06-2	EXPC0630:117	756000	58.24	2253	0
CWSCO	2022-06-2	EXPC0630:117	756000	29.99	2233	0
CWSCO	2022-06-2	EXPC0630:117	756000	86.77	2228	0
CWSCO	2022-06-2	EXPC0630:117	756000	112.76	2225	0
CWSCO	2022-06-2	EXPC0630:117	756000	81.07	2223	0
CWSCO	2022-06-2	EXPC0630:117	756000	583.6	2221	0
CWSCO	2022-06-2	EXPC0630:117	756000	17.96	2220	0
CWSCO	2022-06-0	EXPC0531:117	756000	-16.21	2560	0
CWSCO	2022-06-0	EXPC0531:117	756000	-97.48	2557	0
CWSCO	2022-06-0	EXPC0531:117	756000	-23.83	2555	0
CWSCO	2022-06-0	EXPC0531:117	756000	-141.44	2553	0
CWSCO	2022-06-0	EXPC0531:117	756000	69.46	2552	0
CWSCO	2022-06-0	EXPC0531:117	756000	-68.15	2550	0
CWSCO	2022-06-0	EXPC0531:117	756000	-26.01	2549	0
CWSCO	2022-06-0	EXPC0531:117	756000	68.15	2547	0
CWSCO	2022-06-0	EXPC0531:117	756000	-48.05	2546	0
CWSCO	2022-06-0	EXPC0531:117	756000	-115.34	2545	0
CWSCO	2022-06-0	EXPC0531:117	756000	-85.82	2544	0
CWSCO	2022-06-0	EXPC0531:117	756000	-70.41	2543	0
CWSCO	2022-06-0	EXPC0531:117	756000	-544.99	2541	0
CWSCO	2022-06-0	EXPC0531:117	756000	-18.92	2535	0
CWSCO	2022-06-0	EXPC0531:117	756000	-45.31	2519	0

CWSCO	2022-06-0	EXPC0531:117	756000	-33.61	2518	0
CWSCO	2022-06-0	EXPC0531:117	756000	-207.39	2517	0
CWSCO	2022-06-0	EXPC0531:117	756000	-202.34	2516	0
CWSCO	2022-06-0	EXPC0531:117	756000	-17.76	2515	0
CWSCO	2022-06-0	EXPC0531:117	756000	-23.82	2514	0
CWSCO	2022-06-0	EXPC0531:117	756000	-94.79	2508	0
CWSCO	2022-06-0	EXPC0531:117	756000	-4.51	2507	0
CWSCO	2022-06-0	EXPC0531:117	756000	-23.96	2505	0
CWSCO	2022-06-0	EXPC0531:117	756000	-128.24	2503	0
CWSCO	2022-06-0	EXPC0531:117	756000	-106.77	2498	0
CWSCO	2022-06-0	EXPC0531:117	756000	-16.68	2496	0
CWSCO	2022-06-0	EXPC0531:117	756000	-111.71	2495	0
CWSCO	2022-06-0	EXPC0531:117	756000	-118.38	2493	0
CWSCO	2022-06-0	EXPC0531:117	756000	-29.99	2492	0
CWSCO	2022-06-0	EXPC0531:117	756000	-110.99	2490	0
CWSCO	2022-06-0	EXPC0531:117	756000	-239.01	2488	0
CWSCO	2022-06-0	EXPC0531:117	756000	-96.86	2483	0
CWSCO	2022-06-0	EXPC0531:117	756000	-122.68	2480	0
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CWSCO	2022-06-0	EXPC0531:117	756000	-71.96	2475	0
CWSCO	2022-06-0	EXPC0531:117	756000	-88.87	2468	0
CWSCO	2022-06-0	EXPC0531:117	756000	-25.96	2465	0
CWSCO	2022-06-0	EXPC0531:117	756000	21.75	2456	0
CWSCO	2022-06-0	EXPC0531:117	756000	-180.43	2454	0
CWSCO	2022-06-0	EXPC0531:117	756000	-10.75	2447	0
CWSCO	2022-06-0	EXPC0531:117	756000	-257	2440	0
CWSCO	2022-06-0	EXPC0531:117	756000	-207.79	2421	0
CWSCO	2022-06-0	EXPC0531:117	756000	-53.76	2420	0
CWSCO	2022-06-0	EXPC0531:117	756000	-29.99	2419	0
CWSCO	2022-05-31	EXPC0531:117	756000	16.21	2560	0
CWSCO	2022-05-31	EXPC0531:117	756000	97.48	2557	0
CWSCO	2022-05-31	EXPC0531:117	756000	23.83	2555	0
CWSCO	2022-05-31	EXPC0531:117	756000	141.44	2553	0
CWSCO	2022-05-31	EXPC0531:117	756000	-69.46	2552	0
CWSCO	2022-05-31	EXPC0531:117	756000	68.15	2550	0
CWSCO	2022-05-31	EXPC0531:117	756000	26.01	2549	0
CWSCO	2022-05-31	EXPC0531:117	756000	-68.15	2547	0
CWSCO	2022-05-31	EXPC0531:117	756000	48.05	2546	0
CWSCO	2022-05-31	EXPC0531:117	756000	115.34	2545	0
CWSCO	2022-05-31	EXPC0531:117	756000	85.82	2544	0
CWSCO	2022-05-31	EXPC0531:117	756000	70.41	2543	0
CWSCO	2022-05-31	EXPC0531:117	756000	544.99	2541	0
CWSCO	2022-05-31	EXPC0531:117	756000	18.92	2535	0
CWSCO	2022-05-31	EXPC0531:117	756000	45.31	2519	0

CWSCO	2022-05-31	EXPC0531:117	756000	33.61	2518	0
CWSCO	2022-05-31	EXPC0531:117	756000	207.39	2517	0
CWSCO	2022-05-31	EXPC0531:117	756000	202.34	2516	0
CWSCO	2022-05-31	EXPC0531:117	756000	17.76	2515	0
CWSCO	2022-05-31	EXPC0531:117	756000	23.82	2514	0
CWSCO	2022-05-31	EXPC0531:117	756000	94.79	2508	0
CWSCO	2022-05-31	EXPC0531:117	756000	4.51	2507	0
CWSCO	2022-05-31	EXPC0531:117	756000	23.96	2505	0
CWSCO	2022-05-31	EXPC0531:117	756000	128.24	2503	0
CWSCO	2022-05-31	EXPC0531:117	756000	106.77	2498	0
CWSCO	2022-05-31	EXPC0531:117	756000	16.68	2496	0
CWSCO	2022-05-31	EXPC0531:117	756000	111.71	2495	0
CWSCO	2022-05-31	EXPC0531:117	756000	118.38	2493	0
CWSCO	2022-05-31	EXPC0531:117	756000	29.99	2492	0
CWSCO	2022-05-31	EXPC0531:117	756000	110.99	2490	0
CWSCO	2022-05-31	EXPC0531:117	756000	239.01	2488	0
CWSCO	2022-05-31	EXPC0531:117	756000	96.86	2483	0
CWSCO	2022-05-31	EXPC0531:117	756000	122.68	2480	0
CWSCO	2022-05-31	EXPC0531:117	756000	558.7	2476	0
CWSCO	2022-05-31	EXPC0531:117	756000	71.96	2475	0
CWSCO	2022-05-31	EXPC0531:117	756000	88.87	2468	0
CWSCO	2022-05-31	EXPC0531:117	756000	25.96	2465	0
CWSCO	2022-05-31	EXPC0531:117	756000	-21.75	2456	0
CWSCO	2022-05-31	EXPC0531:117	756000	180.43	2454	0
CWSCO	2022-05-31	EXPC0531:117	756000	10.75	2447	0
CWSCO	2022-05-31	EXPC0531:117	756000	257	2440	0
CWSCO	2022-05-31	EXPC0531:117	756000	207.79	2421	0
CWSCO	2022-05-31	EXPC0531:117	756000	53.76	2420	0
CWSCO	2022-05-31	EXPC0531:117	756000	29.99	2419	0
CWSCO	2022-05-01	EXPC0430:117	756000	-111.71	2395	0
CWSCO	2022-05-01	EXPC0430:117	756000	-16.68	2394	0
CWSCO	2022-05-01	EXPC0430:117	756000	-207.39	2393	0
CWSCO	2022-05-01	EXPC0430:117	756000	-17.76	2392	0
CWSCO	2022-05-01	EXPC0430:117	756000	-202.34	2391	0
CWSCO	2022-05-01	EXPC0430:117	756000	-18.92	2390	0
CWSCO	2022-05-01	EXPC0430:117	756000	-15.98	2389	0
CWSCO	2022-05-01	EXPC0430:117	756000	-115.34	2388	0
CWSCO	2022-05-01	EXPC0430:117	756000	-15.98	2387	0
CWSCO	2022-05-01	EXPC0430:117	756000	-141.44	2386	0
CWSCO	2022-05-01	EXPC0430:117	756000	-24.76	2385	0
CWSCO	2022-05-01	EXPC0430:117	756000	69.46	2384	0
CWSCO	2022-05-01	EXPC0430:117	756000	68.15	2383	0
CWSCO	2022-05-01	EXPC0430:117	756000	9.32	2382	0
CWSCO	2022-05-01	EXPC0430:117	756000	4.56	2381	0



CWSCO	2022-05-0: EXPC0430: 117	756000	-4.76	2380	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-7	2379	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-13.95	2378	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-16.21	2377	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-18.08	2376	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-20.71	2375	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-21.75	2374	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-21.86	2373	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-23.83	2372	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-25.98	2371	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-26.01	2370	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-32.52	2369	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-32.52	2368	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-38.06	2367	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-43.15	2366	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-43.36	2365	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-48.05	2364	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-62.55	2363	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-65.02	2362	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-68.15	2361	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-69.46	2360	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-70.41	2359	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-71.43	2358	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-71.43	2357	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-86.91	2356	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-98.83	2355	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-109.22	2354	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-131.97	2353	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-134.56	2352	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-171.66	2351	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-173.55	2350	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-177.85	2349	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-194.15	2348	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-214.36	2347	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-247.24	2346	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-269.02	2345	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-281.76	2344	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-311.32	2343	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-544.99	2342	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-544.99	2341	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-1191	2340	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-1191	2339	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-110.99	2313	0
CWSCO	2022-05-0: EXPC0430: 117	756000	-118.38	2312	0

CWSCO	2022-05-0	EXPC0430:117	756000	-29.99	2311	0
CWSCO	2022-05-0	EXPC0430:117	756000	-106.77	2310	0
CWSCO	2022-05-0	EXPC0430:117	756000	-4.51	2309	0
CWSCO	2022-05-0	EXPC0430:117	756000	-128.24	2308	0
CWSCO	2022-05-0	EXPC0430:117	756000	-23.96	2307	0
CWSCO	2022-05-0	EXPC0430:117	756000	-94.79	2306	0
CWSCO	2022-05-0	EXPC0430:117	756000	-45.31	2305	0
CWSCO	2022-05-0	EXPC0430:117	756000	-23.82	2304	0
CWSCO	2022-05-0	EXPC0430:117	756000	-85.82	2303	0
CWSCO	2022-05-0	EXPC0430:117	756000	-12.32	2302	0
CWSCO	2022-05-0	EXPC0430:117	756000	-19.99	2301	0
CWSCO	2022-05-0	EXPC0430:117	756000	-50.27	2300	0
CWSCO	2022-05-0	EXPC0430:117	756000	-97.48	2299	0
CWSCO	2022-04-2	EXPC0430:117	756000	111.71	2395	0
CWSCO	2022-04-2	EXPC0430:117	756000	16.68	2394	0
CWSCO	2022-04-2	EXPC0430:117	756000	207.39	2393	0
CWSCO	2022-04-2	EXPC0430:117	756000	17.76	2392	0
CWSCO	2022-04-2	EXPC0430:117	756000	202.34	2391	0
CWSCO	2022-04-2	EXPC0430:117	756000	18.92	2390	0
CWSCO	2022-04-2	EXPC0430:117	756000	15.98	2389	0
CWSCO	2022-04-2	EXPC0430:117	756000	115.34	2388	0
CWSCO	2022-04-2	EXPC0430:117	756000	15.98	2387	0
CWSCO	2022-04-2	EXPC0430:117	756000	141.44	2386	0
CWSCO	2022-04-2	EXPC0430:117	756000	24.76	2385	0
CWSCO	2022-04-2	EXPC0430:117	756000	-69.46	2384	0
CWSCO	2022-04-2	EXPC0430:117	756000	-68.15	2383	0
CWSCO	2022-04-2	EXPC0430:117	756000	-9.32	2382	0
CWSCO	2022-04-2	EXPC0430:117	756000	-4.56	2381	0
CWSCO	2022-04-2	EXPC0430:117	756000	4.76	2380	0
CWSCO	2022-04-2	EXPC0430:117	756000	7	2379	0
CWSCO	2022-04-2	EXPC0430:117	756000	13.95	2378	0
CWSCO	2022-04-2	EXPC0430:117	756000	16.21	2377	0
CWSCO	2022-04-2	EXPC0430:117	756000	18.08	2376	0
CWSCO	2022-04-2	EXPC0430:117	756000	20.71	2375	0
CWSCO	2022-04-2	EXPC0430:117	756000	21.75	2374	0
CWSCO	2022-04-2	EXPC0430:117	756000	21.86	2373	0
CWSCO	2022-04-2	EXPC0430:117	756000	23.83	2372	0
CWSCO	2022-04-2	EXPC0430:117	756000	25.98	2371	0
CWSCO	2022-04-2	EXPC0430:117	756000	26.01	2370	0
CWSCO	2022-04-2	EXPC0430:117	756000	32.52	2369	0
CWSCO	2022-04-2	EXPC0430:117	756000	32.52	2368	0
CWSCO	2022-04-2	EXPC0430:117	756000	38.06	2367	0
CWSCO	2022-04-2	EXPC0430:117	756000	43.15	2366	0
CWSCO	2022-04-2	EXPC0430:117	756000	43.36	2365	0

CWSCO	2022-04-2	EXPC0430: 117	756000	48.05	2364	0
CWSCO	2022-04-2	EXPC0430: 117	756000	62.55	2363	0
CWSCO	2022-04-2	EXPC0430: 117	756000	65.02	2362	0
CWSCO	2022-04-2	EXPC0430: 117	756000	68.15	2361	0
CWSCO	2022-04-2	EXPC0430: 117	756000	69.46	2360	0
CWSCO	2022-04-2	EXPC0430: 117	756000	70.41	2359	0
CWSCO	2022-04-2	EXPC0430: 117	756000	71.43	2358	0
CWSCO	2022-04-2	EXPC0430: 117	756000	71.43	2357	0
CWSCO	2022-04-2	EXPC0430: 117	756000	86.91	2356	0
CWSCO	2022-04-2	EXPC0430: 117	756000	98.83	2355	0
CWSCO	2022-04-2	EXPC0430: 117	756000	109.22	2354	0
CWSCO	2022-04-2	EXPC0430: 117	756000	131.97	2353	0
CWSCO	2022-04-2	EXPC0430: 117	756000	134.56	2352	0
CWSCO	2022-04-2	EXPC0430: 117	756000	171.66	2351	0
CWSCO	2022-04-2	EXPC0430: 117	756000	173.55	2350	0
CWSCO	2022-04-2	EXPC0430: 117	756000	177.85	2349	0
CWSCO	2022-04-2	EXPC0430: 117	756000	194.15	2348	0
CWSCO	2022-04-2	EXPC0430: 117	756000	214.36	2347	0
CWSCO	2022-04-2	EXPC0430: 117	756000	247.24	2346	0
CWSCO	2022-04-2	EXPC0430: 117	756000	269.02	2345	0
CWSCO	2022-04-2	EXPC0430: 117	756000	281.76	2344	0
CWSCO	2022-04-2	EXPC0430: 117	756000	311.32	2343	0
CWSCO	2022-04-2	EXPC0430: 117	756000	544.99	2342	0
CWSCO	2022-04-2	EXPC0430: 117	756000	544.99	2341	0
CWSCO	2022-04-2	EXPC0430: 117	756000	1191	2340	0
CWSCO	2022-04-2	EXPC0430: 117	756000	1191	2339	0
CWSCO	2022-04-2	EXPC0430: 117	756000	110.99	2313	0
CWSCO	2022-04-2	EXPC0430: 117	756000	118.38	2312	0
CWSCO	2022-04-2	EXPC0430: 117	756000	29.99	2311	0
CWSCO	2022-04-2	EXPC0430: 117	756000	106.77	2310	0
CWSCO	2022-04-2	EXPC0430: 117	756000	4.51	2309	0
CWSCO	2022-04-2	EXPC0430: 117	756000	128.24	2308	0
CWSCO	2022-04-2	EXPC0430: 117	756000	23.96	2307	0
CWSCO	2022-04-2	EXPC0430: 117	756000	94.79	2306	0
CWSCO	2022-04-2	EXPC0430: 117	756000	45.31	2305	0
CWSCO	2022-04-2	EXPC0430: 117	756000	23.82	2304	0
CWSCO	2022-04-2	EXPC0430: 117	756000	85.82	2303	0
CWSCO	2022-04-2	EXPC0430: 117	756000	12.32	2302	0
CWSCO	2022-04-2	EXPC0430: 117	756000	19.99	2301	0
CWSCO	2022-04-2	EXPC0430: 117	756000	50.27	2300	0
CWSCO	2022-04-2	EXPC0430: 117	756000	97.48	2299	0
CWSCO	2022-04-0	EXPC0331: 117	756000	69.46	2061	0
CWSCO	2022-04-0	EXPC0331: 117	756000	68.15	2060	0
CWSCO	2022-04-0	EXPC0331: 117	756000	10.62	2059	0

CWSCO	2022-04-0	EXPC0331:117	756000	-10	2058	0
CWSCO	2022-04-0	EXPC0331:117	756000	-15.98	2057	0
CWSCO	2022-04-0	EXPC0331:117	756000	-15.98	2056	0
CWSCO	2022-04-0	EXPC0331:117	756000	-16.21	2055	0
CWSCO	2022-04-0	EXPC0331:117	756000	-18.92	2054	0
CWSCO	2022-04-0	EXPC0331:117	756000	-19.15	2053	0
CWSCO	2022-04-0	EXPC0331:117	756000	-20.71	2052	0
CWSCO	2022-04-0	EXPC0331:117	756000	-23.83	2051	0
CWSCO	2022-04-0	EXPC0331:117	756000	-24.76	2050	0
CWSCO	2022-04-0	EXPC0331:117	756000	-26.01	2049	0
CWSCO	2022-04-0	EXPC0331:117	756000	-32.52	2048	0
CWSCO	2022-04-0	EXPC0331:117	756000	-43.36	2047	0
CWSCO	2022-04-0	EXPC0331:117	756000	-48.05	2046	0
CWSCO	2022-04-0	EXPC0331:117	756000	-62.55	2045	0
CWSCO	2022-04-0	EXPC0331:117	756000	-65.02	2044	0
CWSCO	2022-04-0	EXPC0331:117	756000	-68.15	2043	0
CWSCO	2022-04-0	EXPC0331:117	756000	-69.46	2042	0
CWSCO	2022-04-0	EXPC0331:117	756000	-70.41	2041	0
CWSCO	2022-04-0	EXPC0331:117	756000	-71.43	2040	0
CWSCO	2022-04-0	EXPC0331:117	756000	-71.43	2039	0
CWSCO	2022-04-0	EXPC0331:117	756000	-71.43	2038	0
CWSCO	2022-04-0	EXPC0331:117	756000	-75.71	2037	0
CWSCO	2022-04-0	EXPC0331:117	756000	-109.22	2036	0
CWSCO	2022-04-0	EXPC0331:117	756000	-115.34	2035	0
CWSCO	2022-04-0	EXPC0331:117	756000	-141.44	2034	0
CWSCO	2022-04-0	EXPC0331:117	756000	-200	2033	0
CWSCO	2022-04-0	EXPC0331:117	756000	-226.17	2032	0
CWSCO	2022-04-0	EXPC0331:117	756000	-544.99	2031	0
CWSCO	2022-04-0	EXPC0331:117	756000	-1191	2030	0
CWSCO	2022-04-0	EXPC0331:117	756000	-12	2009	0
CWSCO	2022-04-0	EXPC0331:117	756000	-18.43	2008	0
CWSCO	2022-04-0	EXPC0331:117	756000	-19.99	2007	0
CWSCO	2022-04-0	EXPC0331:117	756000	-19.99	2006	0
CWSCO	2022-04-0	EXPC0331:117	756000	-19.99	2005	0
CWSCO	2022-04-0	EXPC0331:117	756000	-21.67	2004	0
CWSCO	2022-04-0	EXPC0331:117	756000	-25.97	2003	0
CWSCO	2022-04-0	EXPC0331:117	756000	-50.27	2002	0
CWSCO	2022-04-0	EXPC0331:117	756000	-52.9	2001	0
CWSCO	2022-04-0	EXPC0331:117	756000	-54.81	2000	0
CWSCO	2022-04-0	EXPC0331:117	756000	-71.96	1999	0
CWSCO	2022-04-0	EXPC0331:117	756000	-74.77	1998	0
CWSCO	2022-04-0	EXPC0331:117	756000	-85.82	1997	0
CWSCO	2022-04-0	EXPC0331:117	756000	-97.48	1996	0
CWSCO	2022-04-0	EXPC0331:117	756000	-130.17	1995	0

CWSCO	2022-04-0	EXPC0331:117	756000	-174.85	1994	0
CWSCO	2022-03-3	EXPC0331:117	756000	-69.46	2061	0
CWSCO	2022-03-3	EXPC0331:117	756000	-68.15	2060	0
CWSCO	2022-03-3	EXPC0331:117	756000	-10.62	2059	0
CWSCO	2022-03-3	EXPC0331:117	756000	10	2058	0
CWSCO	2022-03-3	EXPC0331:117	756000	15.98	2057	0
CWSCO	2022-03-3	EXPC0331:117	756000	15.98	2056	0
CWSCO	2022-03-3	EXPC0331:117	756000	16.21	2055	0
CWSCO	2022-03-3	EXPC0331:117	756000	18.92	2054	0
CWSCO	2022-03-3	EXPC0331:117	756000	19.15	2053	0
CWSCO	2022-03-3	EXPC0331:117	756000	20.71	2052	0
CWSCO	2022-03-3	EXPC0331:117	756000	23.83	2051	0
CWSCO	2022-03-3	EXPC0331:117	756000	24.76	2050	0
CWSCO	2022-03-3	EXPC0331:117	756000	26.01	2049	0
CWSCO	2022-03-3	EXPC0331:117	756000	32.52	2048	0
CWSCO	2022-03-3	EXPC0331:117	756000	43.36	2047	0
CWSCO	2022-03-3	EXPC0331:117	756000	48.05	2046	0
CWSCO	2022-03-3	EXPC0331:117	756000	62.55	2045	0
CWSCO	2022-03-3	EXPC0331:117	756000	65.02	2044	0
CWSCO	2022-03-3	EXPC0331:117	756000	68.15	2043	0
CWSCO	2022-03-3	EXPC0331:117	756000	69.46	2042	0
CWSCO	2022-03-3	EXPC0331:117	756000	70.41	2041	0
CWSCO	2022-03-3	EXPC0331:117	756000	71.43	2040	0
CWSCO	2022-03-3	EXPC0331:117	756000	71.43	2039	0
CWSCO	2022-03-3	EXPC0331:117	756000	71.43	2038	0
CWSCO	2022-03-3	EXPC0331:117	756000	75.71	2037	0
CWSCO	2022-03-3	EXPC0331:117	756000	109.22	2036	0
CWSCO	2022-03-3	EXPC0331:117	756000	115.34	2035	0
CWSCO	2022-03-3	EXPC0331:117	756000	141.44	2034	0
CWSCO	2022-03-3	EXPC0331:117	756000	200	2033	0
CWSCO	2022-03-3	EXPC0331:117	756000	226.17	2032	0
CWSCO	2022-03-3	EXPC0331:117	756000	544.99	2031	0
CWSCO	2022-03-3	EXPC0331:117	756000	1191	2030	0
CWSCO	2022-03-3	EXPC0331:117	756000	12	2009	0
CWSCO	2022-03-3	EXPC0331:117	756000	18.43	2008	0
CWSCO	2022-03-3	EXPC0331:117	756000	19.99	2007	0
CWSCO	2022-03-3	EXPC0331:117	756000	19.99	2006	0
CWSCO	2022-03-3	EXPC0331:117	756000	19.99	2005	0
CWSCO	2022-03-3	EXPC0331:117	756000	21.67	2004	0
CWSCO	2022-03-3	EXPC0331:117	756000	25.97	2003	0
CWSCO	2022-03-3	EXPC0331:117	756000	50.27	2002	0
CWSCO	2022-03-3	EXPC0331:117	756000	52.9	2001	0
CWSCO	2022-03-3	EXPC0331:117	756000	54.81	2000	0
CWSCO	2022-03-3	EXPC0331:117	756000	71.96	1999	0

CWSCO	2022-03-3	EXPC0331: 117	756000	74.77	1998	0
CWSCO	2022-03-3	EXPC0331: 117	756000	85.82	1997	0
CWSCO	2022-03-3	EXPC0331: 117	756000	97.48	1996	0
CWSCO	2022-03-3	EXPC0331: 117	756000	130.17	1995	0
CWSCO	2022-03-3	EXPC0331: 117	756000	174.85	1994	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-20.71	4177	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-16.21	4176	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-188.1	4171	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-97.48	4168	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-71.43	4138	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-53.08	4134	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-1227.33	4132	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-95.56	4129	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-50.27	4125	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-24.76	4117	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-74.77	4115	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-88.61	4109	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-19.99	4101	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-200	4098	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-300	4082	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-71.43	4081	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-18.43	4073	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-141.44	4066	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-124.06	4063	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-15.98	4058	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-100.04	4055	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-9.32	4050	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-85.82	4049	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-115.34	4048	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-19.99	4045	0
CWSCO	2022-03-0	EXPC0228: 117	756000	-109.22	4038	0
CWSCO	2022-02-2	EXPC0228: 117	756000	20.71	4177	0
CWSCO	2022-02-2	EXPC0228: 117	756000	16.21	4176	0
CWSCO	2022-02-2	EXPC0228: 117	756000	188.1	4171	0
CWSCO	2022-02-2	EXPC0228: 117	756000	97.48	4168	0
CWSCO	2022-02-2	EXPC0228: 117	756000	71.43	4138	0
CWSCO	2022-02-2	EXPC0228: 117	756000	53.08	4134	0
CWSCO	2022-02-2	EXPC0228: 117	756000	1227.33	4132	0
CWSCO	2022-02-2	EXPC0228: 117	756000	95.56	4129	0
CWSCO	2022-02-2	EXPC0228: 117	756000	50.27	4125	0
CWSCO	2022-02-2	EXPC0228: 117	756000	24.76	4117	0
CWSCO	2022-02-2	EXPC0228: 117	756000	74.77	4115	0
CWSCO	2022-02-2	EXPC0228: 117	756000	88.61	4109	0
CWSCO	2022-02-2	EXPC0228: 117	756000	19.99	4101	0

CWSCO	2022-02-2	EXPC0228:117	756000	200	4098	0
CWSCO	2022-02-2	EXPC0228:117	756000	300	4082	0
CWSCO	2022-02-2	EXPC0228:117	756000	71.43	4081	0
CWSCO	2022-02-2	EXPC0228:117	756000	18.43	4073	0
CWSCO	2022-02-2	EXPC0228:117	756000	141.44	4066	0
CWSCO	2022-02-2	EXPC0228:117	756000	124.06	4063	0
CWSCO	2022-02-2	EXPC0228:117	756000	15.98	4058	0
CWSCO	2022-02-2	EXPC0228:117	756000	100.04	4055	0
CWSCO	2022-02-2	EXPC0228:117	756000	9.32	4050	0
CWSCO	2022-02-2	EXPC0228:117	756000	85.82	4049	0
CWSCO	2022-02-2	EXPC0228:117	756000	115.34	4048	0
CWSCO	2022-02-2	EXPC0228:117	756000	19.99	4045	0
CWSCO	2022-02-2	EXPC0228:117	756000	109.22	4038	0
CWSCO	2022-02-0	EXPC0131:117	756000	-20.71	1658	0
CWSCO	2022-02-0	EXPC0131:117	756000	-16.21	1657	0
CWSCO	2022-02-0	EXPC0131:117	756000	-243.98	1652	0
CWSCO	2022-02-0	EXPC0131:117	756000	-188.1	1646	0
CWSCO	2022-02-0	EXPC0131:117	756000	-242.45	1644	0
CWSCO	2022-02-0	EXPC0131:117	756000	-97.48	1641	0
CWSCO	2022-02-0	EXPC0131:117	756000	-35.92	1634	0
CWSCO	2022-02-0	EXPC0131:117	756000	-29.69	1606	0
CWSCO	2022-02-0	EXPC0131:117	756000	-71.43	1604	0
CWSCO	2022-02-0	EXPC0131:117	756000	-53.08	1599	0
CWSCO	2022-02-0	EXPC0131:117	756000	-1227.33	1597	0
CWSCO	2022-02-0	EXPC0131:117	756000	-95.56	1594	0
CWSCO	2022-02-0	EXPC0131:117	756000	-50.27	1587	0
CWSCO	2022-02-0	EXPC0131:117	756000	-24.76	1583	0
CWSCO	2022-02-0	EXPC0131:117	756000	-74.77	1579	0
CWSCO	2022-02-0	EXPC0131:117	756000	-43.38	1577	0
CWSCO	2022-02-0	EXPC0131:117	756000	-88.61	1572	0
CWSCO	2022-02-0	EXPC0131:117	756000	-19.99	1563	0
CWSCO	2022-01-3	EXPC0131:117	756000	20.71	1658	0
CWSCO	2022-01-3	EXPC0131:117	756000	16.21	1657	0
CWSCO	2022-01-3	EXPC0131:117	756000	243.98	1652	0
CWSCO	2022-01-3	EXPC0131:117	756000	188.1	1646	0
CWSCO	2022-01-3	EXPC0131:117	756000	242.45	1644	0
CWSCO	2022-01-3	EXPC0131:117	756000	97.48	1641	0
CWSCO	2022-01-3	EXPC0131:117	756000	35.92	1634	0
CWSCO	2022-01-3	EXPC0131:117	756000	29.69	1606	0
CWSCO	2022-01-3	EXPC0131:117	756000	71.43	1604	0
CWSCO	2022-01-3	EXPC0131:117	756000	53.08	1599	0
CWSCO	2022-01-3	EXPC0131:117	756000	1227.33	1597	0
CWSCO	2022-01-3	EXPC0131:117	756000	95.56	1594	0
CWSCO	2022-01-3	EXPC0131:117	756000	50.27	1587	0

CWSCO	2022-01-3	EXPC0131	117	756000	24.76	1583	0
CWSCO	2022-01-3	EXPC0131	117	756000	74.77	1579	0
CWSCO	2022-01-3	EXPC0131	117	756000	43.38	1577	0
CWSCO	2022-01-3	EXPC0131	117	756000	88.61	1572	0
CWSCO	2022-01-3	EXPC0131	117	756000	19.99	1563	0
CWSCO	2022-11-1	EXP02599	117	756000	564.23	51	0
CWSCO	2022-11-1	EXP02599	117	756000	64.87	29	0
CWSCO	2022-11-1	EXP02599	117	756000	24.41	27	0
CWSCO	2022-11-1	EXP02599	117	756000	44.49	23	0
CWSCO	2022-11-1	EXP02599	117	756000	73.53	21	0
CWSCO	2022-11-1	EXP02599	117	756000	35.98	15	0
CWSCO	2022-10-2	EXP02590	117	756000	62.18	65	0
CWSCO	2022-10-2	EXP02587	117	756000	544.99	35	0
CWSCO	2022-10-2	EXP02587	117	756000	194.17	25	0
CWSCO	2022-10-2	EXP02587	117	756000	51.49	19	0
CWSCO	2022-10-2	EXP02587	117	756000	34.8	15	0
CWSCO	2022-10-2	EXP02587	117	756000	74.98	13	0
CWSCO	2022-09-2	EXP02566	117	756000	1169.6	599	0
CWSCO	2022-09-2	EXP02566	117	756000	18.85	575	0
CWSCO	2022-09-2	EXP02566	117	756000	234.09	573	0
CWSCO	2022-09-2	EXP02566	117	756000	64.34	567	0
CWSCO	2022-09-2	EXP02566	117	756000	16.24	563	0
CWSCO	2022-09-2	EXP02566	117	756000	74.73	555	0
CWSCO	2022-09-2	EXP02566	117	756000	29.28	549	0
CWSCO	2022-09-2	EXP02566	117	756000	31	547	0
CWSCO	2022-09-2	EXP02566	117	756000	195.26	543	0
CWSCO	2022-08-3	EXP02551	117	756000	178.78	257	0
CWSCO	2022-08-3	EXP02551	117	756000	178.99	253	0
CWSCO	2022-08-2	EXP02548	117	756000	10.75	81	0
CWSCO	2022-08-1	EXP02536	117	756000	162.31	65	0
CWSCO	2022-08-1	EXP02536	117	756000	54.2	63	0
CWSCO	2022-08-1	EXP02536	117	756000	23.42	61	0
CWSCO	2022-08-1	EXP02536	117	756000	43.87	55	0
CWSCO	2022-08-1	EXP02536	117	756000	19.95	53	0
CWSCO	2022-08-1	EXP02536	117	756000	10.62	51	0
CWSCO	2022-08-1	EXP02536	117	756000	20.6	49	0
CWSCO	2022-08-0	EXP02535	117	756000	-21.75	29	0
CWSCO	2022-08-0	EXP02535	117	756000	88.87	19	0
CWSCO	2022-08-0	EXP02535	117	756000	122.68	17	0
CWSCO	2022-08-0	EXP02535	117	756000	239.01	5	0
CWSCO	2022-08-0	EXP02535	117	756000	96.86	3	0
CWSCO	2022-07-0	EXP02515	117	756000	79.57	723	0
CWSCO	2022-07-0	EXP02515	117	756000	46.76	721	0
CWSCO	2022-07-0	EXP02515	117	756000	59.98	715	0



CWSCO	2022-07-0	EXP02515	117	756000	393.5	709	0
CWSCO	2022-07-0	EXP02515	117	756000	173.56	705	0
CWSCO	2022-07-0	EXP02515	117	756000	70.96	701	0
CWSCO	2022-07-0	EXP02515	117	756000	-68.15	29	0
CWSCO	2022-07-0	EXP02515	117	756000	-69.46	27	0
CWSCO	2022-07-0	EXP02515	117	756000	544.99	25	0
CWSCO	2022-07-0	EXP02515	117	756000	68.15	15	0
CWSCO	2022-07-0	EXP02515	117	756000	23.83	11	0
CWSCO	2022-07-0	EXP02512	117	756000	1182.22	305	0
CWSCO	2022-06-2	EXP02505	117	756000	202.88	89	0
CWSCO	2022-06-2	EXP02505	117	756000	16.21	11	0
CWSCO	2022-06-2	EXP02505	117	756000	200	3	0
CWSCO	2022-05-2	EXP02490	117	756000	20.71	17	0
CWSCO	2022-05-1	EXP02480	117	756000	269.02	609	0
CWSCO	2022-05-1	EXP02480	117	756000	131.97	423	0
CWSCO	2022-05-1	EXP02480	117	756000	1191	421	0
CWSCO	2022-05-1	EXP02480	117	756000	21.75	417	0
CWSCO	2022-05-1	EXP02480	117	756000	21.86	415	0
CWSCO	2022-05-1	EXP02480	117	756000	173.55	413	0
CWSCO	2022-05-1	EXP02480	117	756000	1191	131	0
CWSCO	2022-05-1	EXP02480	117	756000	69.46	129	0
CWSCO	2022-05-1	EXP02479	117	756000	-9.32	755	0
CWSCO	2022-05-1	EXP02479	117	756000	-4.56	753	0
CWSCO	2022-05-1	EXP02479	117	756000	86.91	751	0
CWSCO	2022-05-1	EXP02479	117	756000	4.76	749	0
CWSCO	2022-05-1	EXP02479	117	756000	98.83	747	0
CWSCO	2022-05-1	EXP02479	117	756000	247.24	745	0
CWSCO	2022-05-1	EXP02479	117	756000	25.98	743	0
CWSCO	2022-05-1	EXP02479	117	756000	18.08	741	0
CWSCO	2022-05-1	EXP02479	117	756000	32.52	735	0
CWSCO	2022-05-1	EXP02479	117	756000	43.15	733	0
CWSCO	2022-05-1	EXP02479	117	756000	194.15	731	0
CWSCO	2022-05-1	EXP02479	117	756000	62.55	167	0
CWSCO	2022-05-1	EXP02479	117	756000	109.22	165	0
CWSCO	2022-05-1	EXP02479	117	756000	32.52	155	0
CWSCO	2022-05-0	EXP02476	117	756000	544.99	381	0
CWSCO	2022-05-0	EXP02476	117	756000	46.31	377	0
CWSCO	2022-05-0	EXP02476	117	756000	214.36	375	0
CWSCO	2022-05-0	EXP02476	117	756000	177.85	373	0
CWSCO	2022-05-0	EXP02476	117	756000	171.66	371	0
CWSCO	2022-05-0	EXP02476	117	756000	21.68	369	0
CWSCO	2022-05-0	EXP02476	117	756000	13.95	365	0
CWSCO	2022-05-0	EXP02476	117	756000	54.32	313	0
CWSCO	2022-05-0	EXP02476	117	756000	7	311	0

CWSCO	2022-04-2	EXP02465	117	756000	227.75	713	0
CWSCO	2022-04-2	EXP02465	117	756000	226.17	711	0
CWSCO	2022-04-2	EXP02465	117	756000	200	325	0
CWSCO	2022-04-1	EXP02462	117	756000	78.58	147	0
CWSCO	2022-04-1	EXP02462	117	756000	43.36	145	0
CWSCO	2022-04-1	EXP02462	117	756000	11.92	141	0
CWSCO	2022-04-1	EXP02461	117	756000	71.39	265	0
CWSCO	2022-04-1	EXP02461	117	756000	5.64	259	0
CWSCO	2022-04-1	EXP02461	117	756000	52.9	253	0
CWSCO	2022-04-1	EXP02461	117	756000	44.37	251	0
CWSCO	2022-04-1	EXP02461	117	756000	54.81	245	0
CWSCO	2022-04-1	EXP02461	117	756000	-10.62	65	0
CWSCO	2022-03-2	EXP02450	117	756000	9.32	495	0
CWSCO	2022-03-0	EXP02433	117	756000	188.1	405	0
CWSCO	2022-02-1	EXP02425	117	756000	17.35	117	0
CWSCO	2022-02-0	EXP02419	117	756000	43.38	41	0
CWSCO	2022-02-0	EXP02419	117	756000	212.5	39	0
CWSCO	2022-07-1	ARD02523	117	756000	-12.5	7	0
CWSCO	2022-12-0	APA11302	117	756000	-3195.47	531	0
CWSCO	2022-12-0	APA11302	117	756000	-181.91	381	0
CWSCO	2022-11-3	APA11302	117	756000	3195.47	531	0
CWSCO	2022-11-3	APA11302	117	756000	181.91	381	0
CWSCO	2022-11-0	APA10312	117	756000	-3195.47	710	0
CWSCO	2022-11-0	APA10312	117	756000	-181.91	489	0
CWSCO	2022-10-3	APA10312	117	756000	3195.47	710	0
CWSCO	2022-10-3	APA10312	117	756000	181.91	489	0
CWSCO	2022-10-0	APA09302	117	756000	-181.91	463	0
CWSCO	2022-09-3	APA09302	117	756000	181.91	463	0
CWSCO	2022-09-0	APA08312	117	756000	-181.91	403	0
CWSCO	2022-08-3	APA08312	117	756000	181.91	403	0
CWSCO	2022-08-0	APA07312	117	756000	-181.91	371	0
CWSCO	2022-07-3	APA07312	117	756000	181.91	371	0
CWSCO	2022-07-0	APA06302	117	756000	-181.91	289	0
CWSCO	2022-06-3	APA06302	117	756000	181.91	289	0
CWSCO	2022-12-2	AP002626	117	756000	60	388	0
CWSCO	2022-12-2	AP002623	117	756000	-1448.69	484	0
CWSCO	2022-12-2	AP002623	117	756000	371.23	432	0
CWSCO	2022-12-1	AP002621	117	756000	125	802	0
CWSCO	2022-12-0	AP002617	117	756000	223.67	381	0
CWSCO	2022-12-0	AP002611	117	756000	730.86	1415	0
CWSCO	2022-12-0	AP002611	117	756000	10187.5	1414	0
CWSCO	2022-11-2	AP002606	117	756000	688.56	594	0
CWSCO	2022-11-1	AP002604	117	756000	-1746.78	441	0
CWSCO	2022-11-0	AP002597	117	756000	1448.69	514	0

CWSCO	2022-11-0	AP002595	117	756000	60	620	0
CWSCO	2022-10-0	AP002572	117	756000	1746.78	1475	0
CWSCO	2022-09-2	AP002569	117	756000	60	280	0
CWSCO	2022-09-2	AP002569	117	756000	125	276	0
CWSCO	2022-09-2	AP002569	117	756000	1100	261	0
CWSCO	2022-09-2	AP002563	117	756000	181.91	327	0
CWSCO	2022-09-1	AP002558	117	756000	110.34	498	0
CWSCO	2022-09-0	AP002555	117	756000	316	658	0
CWSCO	2022-09-0	AP002553	117	756000	60	368	0
CWSCO	2022-08-0	AP002535	117	756000	125	217	0
CWSCO	2022-08-0	AP002531	117	756000	322.53	612	0
CWSCO	2022-08-0	AP002531	117	756000	341.34	611	0
CWSCO	2022-07-2	AP002530	117	756000	60	389	0
CWSCO	2022-07-2	AP002530	117	756000	183.44	388	0
CWSCO	2022-07-2	AP002530	117	756000	125	385	0
CWSCO	2022-07-2	AP002529	117	756000	3400	1344	0
CWSCO	2022-07-0	AP002514	117	756000	562.94	733	0
CWSCO	2022-06-3	AP002511	117	756000	60	337	0
CWSCO	2022-06-0	AP002494	117	756000	582.36	420	0
CWSCO	2022-06-0	AP002492	117	756000	125	1198	0
CWSCO	2022-05-3	AP002490	117	756000	60	483	0
CWSCO	2022-05-2	AP002488	117	756000	66.59	375	0
CWSCO	2022-05-1	AP002480	117	756000	60	433	0
CWSCO	2022-05-1	AP002479	117	756000	354.23	828	0
CWSCO	2022-05-1	AP002479	117	756000	211.94	822	0
CWSCO	2022-05-1	AP002479	117	756000	602.36	821	0
CWSCO	2022-05-1	AP002479	117	756000	468.51	820	0
CWSCO	2022-05-1	AP002478	117	756000	146	282	0
CWSCO	2022-04-1	AP002458	117	756000	97.68	387	0
CWSCO	2022-04-0	AP002457	117	756000	618.59	645	0
CWSCO	2022-03-3	AP002451	117	756000	1095.83	566	0
CWSCO	2022-03-2	AP002450	117	756000	125	489	0
CWSCO	2022-03-2	AP002449	117	756000	60	381	0
CWSCO	2022-03-2	AP002449	117	756000	60	368	0
CWSCO	2022-03-1	AP002442	117	756000	42.21	621	0
CWSCO	2022-03-1	AP002442	117	756000	51.85	620	0
CWSCO	2022-03-1	AP002442	117	756000	60.29	619	0
CWSCO	2022-03-1	AP002442	117	756000	166.35	611	0
CWSCO	2022-03-0	AP002435	117	756000	650.04	450	0
CWSCO	2022-02-1	AP002420	117	756000	60	827	0
CWSCO	2022-02-0	AP002417	117	756000	125	2174	0
CWSCO	2022-02-0	AP002416	117	756000	51.45	260	0
CWSCO	2022-02-0	AP002416	117	756000	165.45	257	0
CWSCO	2022-01-1	AP002403	117	756000	137.01	280	0

CWSCO	2022-01-1	AP002401	117	756000	757.91	542	0
CWSCO	2022-01-0	AP002398	117	756000	60	1037	0
CWSCO	2022-10-0	AC_EST	117	756000	-12	153	0
CWSCO	2022-09-3	AC_EST	117	756000	12	153	0
CWSCO	2022-09-0	AC_EST	117	756000	-12	160	0
CWSCO	2022-08-3	AC_EST	117	756000	12	160	0
CWSCO	2022-08-0	AC_EST	117	756000	-24	165	0
CWSCO	2022-07-3	AC_EST	117	756000	24	165	0
CWSCO	2022-07-0	AC_EST	117	756000	-24	158	0
CWSCO	2022-06-3	AC_EST	117	756000	24	158	0
CWSCO	2022-06-0	AC_EST	117	756000	-24	149	0
CWSCO	2022-05-3	AC_EST	117	756000	24	149	0
CWSCO	2022-05-0	AC_EST	117	756000	-12	155	0
CWSCO	2022-04-3	AC_EST	117	756000	12	155	0
CWSCO	2022-04-0	AC_EST	117	756000	-12	144	0
CWSCO	2022-03-3	AC_EST	117	756000	12	144	0
CWSCO	2022-11-0	AC_AP_4	117	756000	1448.69	119	0
CWSCO	2022-11-0	AC_AP_4	117	756000	3195.47	112	0
CWSCO	2022-11-0	AC_AP_4	117	756000	1746.78	2	0
CWSCO	2022-10-3	AC_AP_4	117	756000	-1448.69	119	0
CWSCO	2022-10-3	AC_AP_4	117	756000	-3195.47	112	0
CWSCO	2022-10-3	AC_AP_4	117	756000	-1746.78	2	0
CWSCO	2022-12-3	AC_AP_3	117	756000	1204.07	255	0
CWSCO	2022-12-0	AC_AP_3	117	756000	-94.07	334	0
CWSCO	2022-12-0	AC_AP_3	117	756000	-1110	333	0
CWSCO	2022-12-0	AC_AP_3	117	756000	663.96	122	0
CWSCO	2022-12-0	AC_AP_3	117	756000	3195.47	85	0
CWSCO	2022-12-0	AC_AP_3	117	756000	1448.69	53	0
CWSCO	2022-11-3	AC_AP_3	117	756000	94.07	334	0
CWSCO	2022-11-3	AC_AP_3	117	756000	1110	333	0
CWSCO	2022-11-3	AC_AP_3	117	756000	-663.96	122	0
CWSCO	2022-11-3	AC_AP_3	117	756000	-3195.47	85	0
CWSCO	2022-11-3	AC_AP_3	117	756000	-1448.69	53	0
CWSCO	2022-10-0	AC_AP_3	117	756000	1746.78	125	0
CWSCO	2022-09-3	AC_AP_3	117	756000	-1746.78	125	0
CWSCO	2022-01-0	ACAP1231	117	756000	-757.91	428	0
CWSCO	2022-12-0	ACAP1130	117	756000	-223.67	591	0
CWSCO	2022-11-3	ACAP1130	117	756000	223.67	591	0
CWSCO	2022-11-0	ACAP1031	117	756000	-688.56	251	0
CWSCO	2022-10-3	ACAP1031	117	756000	688.56	251	0
CWSCO	2022-09-0	ACAP0831	117	756000	-316	476	0
CWSCO	2022-09-0	ACAP0831	117	756000	-110.34	420	0
CWSCO	2022-08-3	ACAP0831	117	756000	316	476	0
CWSCO	2022-08-3	ACAP0831	117	756000	110.34	420	0

CWSCO	2022-07-0	ACAP0630	117	756000	-562.94	590	0
CWSCO	2022-06-31	ACAP0630	117	756000	562.94	590	0
CWSCO	2022-06-0	ACAP0531	117	756000	-582.36	458	0
CWSCO	2022-05-3	ACAP0531	117	756000	582.36	458	0
CWSCO	2022-05-0	ACAP0430	117	756000	-146	436	0
CWSCO	2022-04-31	ACAP0430	117	756000	146	436	0
CWSCO	2022-04-0	ACAP0331	117	756000	-97.68	342	0
CWSCO	2022-03-3	ACAP0331	117	756000	97.68	342	0
CWSCO	2022-03-0	ACAP0228	117	756000	-650.04	550	0
CWSCO	2022-02-28	ACAP0228	117	756000	650.04	550	0
CWSCO	2020-07-2	EXP02082	123	753100	2946.14	203	0
CWSCO	2023-11-2	EXP02856	123	753100	398.4	227	0
CWSCO	2023-09-2	EXP02812	123	753100	829.64	119	0
CWSCO	2023-05-0	EXP02719	123	753100	1361.97	1791	0
CWSCO	2021-09-0	EXP02326	123	753200	100.44	611	0
CWSCO	2021-08-2	EXP02315	123	753200	100.44	75	0
CWSCO	2021-07-21	EXP02293	123	753200	54.66	311	0
CWSCO	2021-06-2	EXP02278	123	753200	113.97	273	0
CWSCO	2021-06-2	EXP02277	123	753200	2137.51	653	0
CWSCO	2021-01-0	EXP02174	123	753200	480	271	0
CWSCO	2021-12-3	APA12312	123	753200	104.05	681	0
CWSCO	2021-12-3	APA12312	123	753200	30.98	680	0
CWSCO	2021-12-3	APA12312	123	753200	859.75	679	0
CWSCO	2021-06-0	APA05312	123	753200	-97.45	1328	0
CWSCO	2021-06-0	APA05312	123	753200	-30.98	1326	0
CWSCO	2021-05-3	APA05312	123	753200	97.45	1328	0
CWSCO	2021-05-3	APA05312	123	753200	30.98	1326	0
CWSCO	2021-03-0	APA02282	123	753200	-30.98	1177	0
CWSCO	2021-02-28	APA02282	123	753200	30.98	1177	0
CWSCO	2021-11-0	AP002362	123	753200	104.05	500	0
CWSCO	2021-11-0	AP002362	123	753200	30.98	499	0
CWSCO	2021-10-0	AP002344	123	753200	84.25	358	0
CWSCO	2021-10-0	AP002344	123	753200	30.98	357	0
CWSCO	2021-09-0	AP002324	123	753200	30.98	522	0
CWSCO	2021-09-0	AP002324	123	753200	95.8	521	0
CWSCO	2021-08-0	AP002303	123	753200	30.98	918	0
CWSCO	2021-08-0	AP002303	123	753200	117.25	916	0
CWSCO	2021-06-1	AP002269	123	753200	30.98	959	0
CWSCO	2021-06-1	AP002269	123	753200	97.45	958	0
CWSCO	2021-06-1	AP002269	123	753200	97.45	957	0
CWSCO	2021-06-1	AP002269	123	753200	30.98	956	0
CWSCO	2021-04-2	AP002239	123	753200	99.1	690	0
CWSCO	2021-04-2	AP002239	123	753200	30.98	689	0
CWSCO	2021-03-1	AP002219	123	753200	35.07	428	0

CWSCO	2021-03-1	AP002215	123	753200	-30.98	2	0
CWSCO	2021-03-1	AP002215	123	753200	30.98	585	0
CWSCO	2021-03-0	AP002211	123	753200	30.98	449	0
CWSCO	2021-03-0	AP002211	123	753200	82.6	448	0
CWSCO	2021-03-0	AP002211	123	753200	30.98	447	0
CWSCO	2021-02-2	AP002204	123	753200	51.25	284	0
CWSCO	2021-01-0	AP002175	123	753200	57.85	462	0
CWSCO	2021-01-0	AP002175	123	753200	35.07	461	0
CWSCO	2021-08-0	AC_EST	123	753200	-7.01	127	0
CWSCO	2021-07-3	AC_EST	123	753200	7.01	127	0
CWSCO	2021-07-0	AC_EST	123	753200	-7.01	114	0
CWSCO	2021-06-3	AC_EST	123	753200	7.01	114	0
CWSCO	2021-06-0	AC_EST	123	753200	-7.01	121	0
CWSCO	2021-05-3	AC_EST	123	753200	7.01	121	0
CWSCO	2021-05-0	AC_EST	123	753200	-7.01	130	0
CWSCO	2021-04-3	AC_EST	123	753200	7.01	130	0
CWSCO	2021-04-0	AC_EST	123	753200	-7.01	134	0
CWSCO	2021-03-3	AC_EST	123	753200	7.01	134	0
CWSCO	2021-12-3	08_30OBS	123	753200	-54	65	0
CWSCO	2021-11-3	08_30OBS	123	753200	20	34	0
CWSCO	2021-09-3	08_30OBS	123	753200	20	36	0
CWSCO	2021-08-3	08_30OBS	123	753200	180	46	0
CWSCO	2021-06-3	08_30OBS	123	753200	29	41	0
CWSCO	2021-05-3	08_30OBS	123	753200	41.2	47	0
CWSCO	2021-03-3	08_30OBS	123	753200	1000	47	0
CWSCO	2021-02-2	08_30OBS	123	753200	33	44	0
CWSCO	2021-01-3	08_30OBS	123	753200	-8	47	0
CWSCO	2019-12-2	EXP01969	123	753300	211	213	0
CWSCO	2020-12-1	EXP02161	123	753300	100	293	0
CWSCO	2020-09-1	EXP02112	123	753300	22.51	71	0
CWSCO	2020-08-0	EXP02092	123	753300	871	639	0
CWSCO	2021-12-2	EXP02390	123	753300	211	805	0
CWSCO	2021-08-1	EXP02310	123	753300	211	151	0
CWSCO	2022-09-1	EXP02559	123	753300	235	497	0
CWSCO	2022-11-0	AP002596	123	755000	14845.16	628	0
CWSCO	2022-11-0	AP002595	123	755000	3452.36	607	0
CWSCO	2022-05-2	AP002486	123	755000	3452.36	420	0
CWSCO	2022-02-2	AP002431	123	755000	3452.36	263	0
CWSCO	2022-10-0	AC_EST	123	755000	-690.47	140	0
CWSCO	2022-09-3	AC_EST	123	755000	690.47	140	0
CWSCO	2022-09-0	AC_EST	123	755000	-690.47	148	0
CWSCO	2022-08-3	AC_EST	123	755000	690.47	148	0
CWSCO	2022-08-0	AC_EST	123	755000	-690.47	153	0
CWSCO	2022-07-3	AC_EST	123	755000	690.47	153	0

CWSCO	2022-07-0	AC_EST	123	755000	-1380.94	145	0
CWSCO	2022-06-31	AC_EST	123	755000	1380.94	145	0
CWSCO	2022-06-0	AC_EST	123	755000	-1380.94	137	0
CWSCO	2022-05-3	AC_EST	123	755000	1380.94	137	0
CWSCO	2022-05-0	AC_EST	123	755000	-690.47	145	0
CWSCO	2022-04-31	AC_EST	123	755000	690.47	145	0
CWSCO	2022-04-0	AC_EST	123	755000	-690.47	135	0
CWSCO	2022-03-3	AC_EST	123	755000	690.47	135	0
CWSCO	2022-03-0	AC_EST	123	755000	-690.47	120	0
CWSCO	2022-02-28	AC_EST	123	755000	690.47	120	0
CWSCO	2022-11-0	ACAP1031	123	755000	-14845.2	122	0
CWSCO	2022-11-0	ACAP1031	123	755000	-3452.36	121	0
CWSCO	2022-10-3	ACAP1031	123	755000	14845.16	122	0
CWSCO	2022-10-3	ACAP1031	123	755000	3452.36	121	0
CWSCO	2021-03-0	INV022103	110	742000	339.68	6	0
CWSCO	2021-01-0	INV021780	110	753200	10.34	3	0
CWSCO	2021-05-20	INV022564	110	753300	276.1	6	0
CWSCO	2021-12-31	INV023941	110	756000	550.88	3	0
CWSCO	2021-12-0	INV023800	110	756000	62.06	3	0
CWSCO	2021-12-0	INV023779	110	756000	223.62	3	0
CWSCO	2021-11-1	INV023690	110	756000	170.56	3	0
CWSCO	2021-11-0	INV023637	110	756000	27.71	6	0
CWSCO	2021-09-2	INV023384	110	756000	12.14	4	0
CWSCO	2021-09-2	INV023340	110	756000	17.85	4	0
CWSCO	2021-09-1	INV023305	110	756000	3687.08	4	0
CWSCO	2021-09-1	INV023295	110	756000	31.72	4	0
CWSCO	2021-02-2	INV022075	110	756000	92.55	6	0
CWSCO	2021-01-1	INV021829	110	756000	-11.76	3	0
CWSCO	2019-12-1	INV019712	101	724000	821.3	8	0
CWSCO	2019-12-0	INV019712	101	724000	45.21	7	0
CWSCO	2019-12-0	INV019711	101	724000	102.61	8	0
CWSCO	2019-11-1	INV019547	101	724000	14.61	8	0
CWSCO	2019-10-1	INV019388	101	724000	1167.02	7	0
CWSCO	2019-10-0	INV019388	101	724000	23.66	6	0
CWSCO	2019-09-0	INV019203	101	724000	13.79	7	0
CWSCO	2019-08-2	INV019025	101	724000	1057.7	7	0
CWSCO	2019-08-1	INV019025	101	724000	11.46	8	0
CWSCO	2019-07-2	INV018847	101	724000	791.61	7	0
CWSCO	2019-07-1	INV018847	101	724000	850.85	9	0
CWSCO	2019-07-0	INV018846	101	724000	31.53	7	0
CWSCO	2019-06-1	INV018665	101	724000	44.06	8	0
CWSCO	2019-05-2	INV018502	101	724000	26.32	7	0
CWSCO	2019-05-0	INV018501	101	724000	1.15	7	0
CWSCO	2019-02-2	INV017984	101	724000	10.58	7	0

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CWSCO	2019-08-21	INV019025 101	725000	158.11	8	0
CWSCO	2019-12-01	INV019711 101	742000	92.79	8	0
CWSCO	2019-11-01	INV019547 101	742000	46.26	9	0
CWSCO	2019-10-11	INV019388 101	742000	131.64	6	0
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CWSCO	2019-07-11	INV018846 101	742000	1.15	6	0
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CWSCO	2019-05-21	INV018502 101	742000	45.34	8	0
CWSCO	2019-05-21	INV018502 101	742000	17.61	8	0
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CWSCO	2019-05-01	INV018501 101	742000	61.05	7	0
CWSCO	2019-05-01	INV018501 101	742000	98.79	8	0
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CWSCO	2019-11-21	INV019548 101	753100	378.77	8	0
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CWSCO	2019-06-01	INV018665 101	753100	41.18	7	0
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CWSCO	2019-02-0	INV017983 101	753200	5.35	8	0
CWSCO	2019-01-3	INV017826 101	753200	232.67	8	0
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CWSCO	2019-01-1	INV017825 101	753200	141.19	8	0
CWSCO	2019-01-0	INV017824 101	753200	19.84	9	0
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CWSCO	2019-11-1	INV019548 101	753201	227.45	7	0
CWSCO	2019-12-0	INV019711 101	753300	1018.85	9	0
CWSCO	2019-11-1	INV019547 101	753300	295.89	11	0
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CWSCO	2019-08-3	INV019026 101	754200	399.66	8	0
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CWSCO	2019-10-11	INV019388 101	756000	13	7	0
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CWSCO	2019-08-2	INV019025	101	756000	210.42	9	0
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CWSCO	2019-08-1	INV019025	101	756000	35.14	9	0
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CWSCO	2019-07-1	INV018846	101	756000	14.1	9	0
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CWSCO	2019-07-0	INV018846	101	756000	29.74	7	0
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CWSCO	2019-06-2	INV018666	101	756000	21.76	9	0
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CWSCO	2019-06-1	INV018665	101	756000	92.79	7	0
CWSCO	2019-06-0	INV018665	101	756000	434.77	8	0
CWSCO	2019-06-0	INV018665	101	756000	13.03	8	0
CWSCO	2019-06-0	INV018665	101	756000	111.64	8	0
CWSCO	2019-05-3	INV018502	101	756000	8.47	9	0
CWSCO	2019-05-2	INV018502	101	756000	17.39	9	0
CWSCO	2019-05-2	INV018502	101	756000	8.47	6	0
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CWSCO	2019-05-0	INV018501	101	756000	27.62	8	0
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CWSCO	2019-05-0	INV018501	101	756000	13.03	8	0
CWSCO	2019-05-0	INV018500	101	756000	433.54	7	0
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CWSCO	2019-04-1	INV018322	101	756000	13.81	7	0
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CWSCO	2019-03-1	INV018145 101	756000	43.56	10	0
CWSCO	2019-03-0	INV018145 101	756000	184.04	6	0
CWSCO	2019-03-0	INV018144 101	756000	32.61	10	0
CWSCO	2019-02-2	INV018000 101	756000	1278.26	3	0
CWSCO	2019-02-2	INV017984 101	756000	72.56	8	0
CWSCO	2019-02-2	INV017984 101	756000	43.89	8	0
CWSCO	2019-02-2	INV017984 101	756000	578.91	8	0
CWSCO	2019-02-2	INV017984 101	756000	84.95	7	0
CWSCO	2019-02-2	INV017984 101	756000	153.28	7	0
CWSCO	2019-02-1	INV017984 101	756000	21.78	8	0
CWSCO	2019-02-1	INV017983 101	756000	29.49	10	0
CWSCO	2019-02-0	INV017983 101	756000	43.56	5	0
CWSCO	2019-01-3	INV017826 101	756000	161.3	10	0
CWSCO	2019-01-2	INV017825 101	756000	39.39	8	0
CWSCO	2019-01-2	INV017825 101	756000	8.66	9	0
CWSCO	2019-01-1	INV017825 101	756000	24.01	9	0
CWSCO	2019-01-1	INV017824 101	756000	27.48	9	0
CWSCO	2019-01-0	INV017824 101	756000	32.67	6	0
CWSCO	2019-01-0	INV017824 101	756000	97.5	10	0
CWSCO	2019-11-1	INV019548 101	772000	198.79	9	0
CWSCO	2019-05-0	INV018501 101	772000	121.72	10	0
CWSCO	2019-12-0	INV019712 101	773201	158.11	10	0
CWSCO	2019-10-3	INV019389 101	773201	158.11	9	0
CWSCO	2019-10-1	INV019389 101	773201	368.94	8	0
CWSCO	2019-10-0	INV019388 101	773201	158.11	13	0
CWSCO	2019-10-0	INV019387 101	773201	158.11	14	0
CWSCO	2019-09-2	INV019204 101	773201	219.41	13	0
CWSCO	2019-09-1	INV019204 101	773201	158.11	10	0
CWSCO	2019-08-2	INV019026 101	773201	158.11	10	0
CWSCO	2019-08-1	INV019025 101	773201	158.11	9	0
CWSCO	2019-07-1	INV018846 101	773201	187.56	12	0
CWSCO	2019-05-2	INV018502 101	773201	188.17	12	0
CWSCO	2019-04-0	INV018321 101	773201	259.6	10	0
CWSCO	2019-03-2	INV018146 101	773201	155.76	11	0
CWSCO	2019-03-1	INV018145 101	773201	259.6	11	0
CWSCO	2019-03-0	INV018145 101	773201	155.76	5	0
CWSCO	2019-02-2	INV017984 101	773201	280.3	11	0

CWSCO	2019-02-0	INV017983	101	773201	99.91	11	0
CWSCO	2019-01-3	INV017826	101	773201	449.61	13	0
CWSCO	2019-01-1	INV017825	101	773201	499.57	13	0
CWSCO	2019-10-0	INV019397	112	725000	65.05	5	0
CWSCO	2019-03-2	INV018153	112	725000	584.18	5	0
CWSCO	2019-02-2	INV017990	112	753200	-0.07	4	0
CWSCO	2019-01-2	INV017833	112	756000	4180.06	5	0
CWSCO	2019-01-1	INV017832	112	756000	71.12	3	0
CWSCO	2020-01-2	INV019891	110	702000	1079.41	6	0
CWSCO	2020-07-3	INV020882	110	724000	190.09	3	0
CWSCO	2020-11-2	INV021544	110	742000	27.21	6	0
CWSCO	2020-10-2	INV021391	110	742000	5225.71	5	0
CWSCO	2020-08-1	INV021049	110	742000	190.09	5	0
CWSCO	2020-02-1	INV020046	110	752000	661.86	3	0
CWSCO	2020-08-3	INV021049	110	753200	-234.79	5	0
CWSCO	2020-07-3	INV020882	110	753200	-288.82	5	0
CWSCO	2020-06-3	INV020705	110	753200	-430.24	5	0
CWSCO	2020-03-3	INV020219	110	753200	0.01	7	0
CWSCO	2020-01-3	INV019891	110	753200	0.72	4	0
CWSCO	2020-01-0	INV019891	110	753200	62.53	4	0
CWSCO	2020-11-2	INV021544	110	756000	-15.45	3	0
CWSCO	2020-07-2	INV020882	110	756000	15.45	5	0
CWSCO	2020-02-2	INV020046	110	756000	15.45	4	0
CWSCO	2020-01-1	INV019891	110	756000	18.18	5	0
CWSCO	2019-12-1	INV019718	110	702000	590.36	4	0
CWSCO	2019-11-0	INV019553	110	702000	410.92	4	0
CWSCO	2019-10-1	INV019395	110	702000	15.63	6	0
CWSCO	2019-08-0	INV019031	110	702000	190.51	6	0
CWSCO	2019-07-1	INV018853	110	702000	334.28	4	0
CWSCO	2019-06-2	INV018672	110	702000	15.45	3	0
CWSCO	2019-04-2	INV018328	110	702000	11.76	4	0
CWSCO	2019-01-1	INV017830	110	702000	88.08	4	0
CWSCO	2019-01-0	INV017829	110	741000	176.98	3	0
CWSCO	2019-04-0	INV018327	110	742000	6.18	6	0
CWSCO	2019-03-2	INV018151	110	742000	31.68	4	0
CWSCO	2019-08-2	INV019031	110	753100	77.54	6	0
CWSCO	2019-11-3	INV019554	110	753200	14.17	3	0
CWSCO	2019-11-0	INV019553	110	753200	507.11	5	0
CWSCO	2019-06-3	INV018673	110	753200	103.83	3	0
CWSCO	2019-05-3	INV018509	110	753200	14.71	6	0
CWSCO	2019-03-3	INV018152	110	753200	29.23	3	0
CWSCO	2019-03-0	INV018151	110	753200	109.93	3	0
CWSCO	2019-02-2	INV017989	110	753200	10.48	5	0
CWSCO	2019-02-2	INV017989	110	753200	496.68	5	0

CWSCO	2019-01-3	INV017831 110	753200	120.8	5	0
CWSCO	2019-11-0	INV019553 110	755000	514.02	6	0
CWSCO	2019-11-2	INV019566 110	756000	301.97	4	0
CWSCO	2019-07-2	INV018854 110	756000	-15.45	4	0
CWSCO	2019-05-0	INV018508 110	756000	1993.45	4	0
CWSCO	2019-04-1	INV018328 110	756000	149.92	6	0
CWSCO	2019-03-1	INV018151 110	756000	-48.23	4	0
CWSCO	2019-03-0	INV018151 110	756000	-17.71	3	0
CWSCO	2019-02-2	INV017989 110	756000	30.37	5	0
CWSCO	2019-01-3	INV017831 110	756000	-12.19	6	0
CWSCO	2019-01-0	INV017829 110	756000	-15.45	4	0
CWSCO	2019-01-1	INV017830 110	772000	81.79	5	0

Descr	Affiliate	Product	Year	Period	Status	DateTime	User	Ref
POWERPLANT JOURNAL			2019	11	P	2019-12-11	POWERPLNT	
POWERPLANT JOURNAL			2019	11	P	2019-12-11	POWERPLNT	
POWERPLANT JOURNAL			2019	11	P	2019-12-11	POWERPLNT	
POWERPLANT JOURNAL			2019	11	P	2019-12-11	POWERPLNT	
Accrue Unmatched PO Receipts			2019	12	P	2020-01-01	OPERATOR	000037511
Accrue Unmatched PO Receipts			2019	12	P	2019-12-01	OPERATOR	000037258
Accrue Unmatched PO Receipts			2019	11	P	2019-12-01	OPERATOR	000037258
Expense Journal			2019	2	P	2019-02-01	OPERATOR	000012100
AP Vouchers			2019	12	P	2019-12-01	OPERATOR	01423370
AP Vouchers			2019	10	P	2019-10-11	OPERATOR	01417253
AP Vouchers			2019	10	P	2019-10-11	OPERATOR	01417212
AP Vouchers			2019	9	P	2019-09-21	OPERATOR	01411148
AP Vouchers			2019	8	P	2019-08-11	OPERATOR	01404852
AP Vouchers			2019	7	P	2019-07-11	OPERATOR	01398107
AP Vouchers			2019	7	P	2019-07-11	OPERATOR	01398106
AP Vouchers			2019	6	P	2019-06-11	OPERATOR	01393565
AP Vouchers			2019	5	P	2019-05-11	OPERATOR	01388232
AP Vouchers			2019	4	P	2019-04-11	OPERATOR	01382946
AP Vouchers			2019	4	P	2019-04-11	OPERATOR	01382941
AP Vouchers			2019	3	P	2019-03-11	OPERATOR	01378311
AP Vouchers			2019	2	P	2019-02-21	OPERATOR	01374004
AP Vouchers			2019	1	P	2019-01-11	OPERATOR	01368773
AC_EST - NOV.2019			2019	12	P	2019-12-01	JHU	
AC_EST - NOV.2019			2019	11	P	2019-12-01	DADAVIS	
AC_EST - OCT.2019			2019	11	P	2019-11-01	JHU	
AC_EST - OCT.2019			2019	10	P	2019-11-01	DADAVIS	
AC_EST - Sep.2019			2019	10	P	2019-10-01	JHU	
AC_EST - Sep.2019			2019	9	P	2019-10-01	DADAVIS	
AC_EST - AUG.2019			2019	9	P	2019-09-01	JHU	
AC_EST - AUG.2019			2019	8	P	2019-09-01	DADAVIS	
AC_EST - JUL.2019			2019	8	P	2019-08-01	JHU	
AC_EST - JUL.2019			2019	7	P	2019-08-01	DADAVIS	
AP Vouchers			2019	11	P	2019-11-01	OPERATOR	01421654
AP Vouchers			2019	7	P	2019-07-21	OPERATOR	01398942
AP Vouchers			2019	5	P	2019-05-01	OPERATOR	01386328
AP Vouchers			2019	2	P	2019-02-01	OPERATOR	01371820
SUBSEQUENT VOUCHER ACCRU			2019	11	P	2019-11-11	JHU	01421654
SUBSEQUENT VOUCHER ACCRU			2019	10	P	2019-11-11	DADAVIS	01421654
SUBSEQUENT VOUCHER ACCRU			2019	5	P	2019-05-01	JHU	
SUBSEQUENT VOUCHER ACCRU			2019	4	P	2019-05-01	DADAVIS	
SUBSEQUENT VOUCHER ACCRU			2019	2	P	2019-02-11	JHU	
SUBSEQUENT VOUCHER ACCRU			2019	1	P	2019-02-11	DADAVIS	
XPO Month-End Accruals			2020	12	P	2020-12-01	TDING	X00013272



XPO Month-End Accruals	2020	11 P	2020-12-0: OPERATOR X00013272
XPO Month-End Accruals	2020	11 P	2020-11-0: TDING X00013272
XPO Month-End Accruals	2020	10 P	2020-11-0: OPERATOR X00013272
XPO Month-End Accruals	2020	10 P	2020-10-0: TDING X00013272
XPO Month-End Accruals	2020	9 P	2020-10-0: OPERATOR X00013272
XPO Month-End Accruals	2020	9 P	2020-09-0: TDING X00013714
XPO Month-End Accruals	2020	9 P	2020-09-0: TDING X00013272
XPO Month-End Accruals	2020	8 P	2020-09-0: OPERATOR X00013714
XPO Month-End Accruals	2020	8 P	2020-09-0: OPERATOR X00013272
XPO Month-End Accruals	2020	8 P	2020-08-0: TDING X00013272
XPO Month-End Accruals	2020	7 P	2020-08-0: OPERATOR X00013272
POWERPLANT JOURNAL	2020	12 P	2021-01-1: POWERPLNT
XPO Month-End Accruals	2020	7 P	2020-07-0: TDING X00013272
XPO Month-End Accruals	2020	6 P	2020-07-0: OPERATOR X00013272
XPO Month-End Accruals	2020	6 P	2020-06-0: JHU X00013272
XPO Month-End Accruals	2020	5 P	2020-06-0: OPERATOR X00013272
XPO Month-End Accruals	2020	5 P	2020-05-0: TDING X00013272
XPO Month-End Accruals	2020	4 P	2020-05-0: OPERATOR X00013272
AR Direct Cash Journal	2020	12 P	2020-12-2: BTON
AP Vouchers	2020	12 P	2020-12-2: OPERATOR 01476749
AP Vouchers	2020	12 P	2020-12-1: OPERATOR 01497144
AP Vouchers	2020	9 P	2020-09-1: OPERATOR 01479339
AP Vouchers	2020	8 P	2020-08-2: OPERATOR 01474055
AP Vouchers	2020	7 P	2020-07-2: OPERATOR 01469421
POWERPLANT JOURNAL	2020	12 P	2021-01-1: POWERPLNT
POWERPLANT JOURNAL	2020	12 P	2021-01-1: POWERPLNT
POWERPLANT JOURNAL	2020	12 P	2021-01-1: POWERPLNT
Inventory Reserve 12-2020	2020	12 P	2021-01-0: SZHU
Inventory Reserve 11-2020	2020	11 P	2020-12-0: SZHU
Inventory Reserve 10-2020	2020	10 P	2020-11-0: SZHU
Inventory Reserve 04-2020	2020	4 P	2020-05-0: SZHU
Inventory Reserve 03-2020	2020	3 P	2020-04-0: SZHU
Inventory Reserve 02-2020	2020	2 P	2020-03-0: SZHU
Inventory Transactions	2022	5 P	2022-05-2: OPERATOR INV
Expense Journal	2021	9 P	2021-09-2: OPERATOR 000016158
Expense Journal	2023	11 P	2023-11-2: OPERATOR 000019641
Expense Journal	2020	6 P	2020-06-1: OPERATOR 000014381
Expense Journal	2020	2 P	2020-02-0: OPERATOR 000013881
Accrue Unmatched PO Receipts	2022	7 P	2022-07-0: OPERATOR 000046151
Accrue Unmatched PO Receipts	2022	6 P	2022-07-0: OPERATOR 000046151
Accrue Unmatched PO Receipts	2022	6 P	2022-06-0: OPERATOR 000046151
Accrue Unmatched PO Receipts	2022	5 P	2022-06-0: OPERATOR 000046151
Accrue Unmatched PO Receipts	2022	5 P	2022-05-0: OPERATOR 000045354
Accrue Unmatched PO Receipts	2022	4 P	2022-05-0: OPERATOR 000045354

Accrue Unmatched PO Receipts	2022	4 P	2022-04-0: OPERATOR 000045354
Accrue Unmatched PO Receipts	2022	3 P	2022-04-0: OPERATOR 000045354
Inventory Transactions	2022	11 P	2022-11-1: OPERATOR INV
Inventory Transactions	2022	10 P	2022-10-2: OPERATOR INV
Expense Journal	2022	6 P	2022-06-1: OPERATOR 000017129
AP MONTH END ACCRUAL - AP UN	2022	1 P	2022-01-0: JHU 01562555
AP MONTH END ACCRUAL - AP UN	2022	6 P	2022-06-0: JHU 01593548
AP MONTH END ACCRUAL - AP UN	2022	6 P	2022-06-0: JHU 01593547
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-06-0: DADAVIS 01593548
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-06-0: DADAVIS 01593547
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0: JHU 01588970
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0: JHU 01588093
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0: JHU 01585766
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0: JHU 01579578
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0: JHU 01579575
AP MONTH END ACCRUAL - AP UN	2022	5 P	2022-05-0: JHU 01578621
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0: DADAVIS 01588970
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0: DADAVIS 01588093
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0: DADAVIS 01585766
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0: DADAVIS 01579578
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0: DADAVIS 01579575
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-05-0: DADAVIS 01578621
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-04-0: JHU 01579578
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-04-0: JHU 01579575
AP MONTH END ACCRUAL - AP UN	2022	4 P	2022-04-0: JHU 01578621
AP MONTH END ACCRUAL - AP UN	2022	3 P	2022-04-0: DADAVIS 01579578
AP MONTH END ACCRUAL - AP UN	2022	3 P	2022-04-0: DADAVIS 01579575
AP MONTH END ACCRUAL - AP UN	2022	3 P	2022-04-0: DADAVIS 01578621
AP MONTH END ACCRUAL - AP UN	2022	3 P	2022-03-0: JHU 01578621
AP MONTH END ACCRUAL - AP UN	2022	2 P	2022-03-0: DADAVIS 01578621
AP MONTH END ACCRUAL - AP UN	2022	2 P	2022-02-0: JHU 01568372
AP MONTH END ACCRUAL - AP UN	2022	2 P	2022-02-0: JHU 01562555
AP MONTH END ACCRUAL - AP UN	2022	2 P	2022-02-0: JHU 01571500
AP MONTH END ACCRUAL - AP UN	2022	1 P	2022-02-0: DADAVIS 01568372
AP MONTH END ACCRUAL - AP UN	2022	1 P	2022-02-0: DADAVIS 01562555
AP MONTH END ACCRUAL - AP UN	2022	1 P	2022-02-0: DADAVIS 01571500
AP Vouchers	2022	12 P	2022-12-0: OPERATOR 01633209
Inventory Reserve for May 2022	2022	5 P	2022-06-0: AHAN
AP Vouchers	2022	12 P	2022-12-0: OPERATOR 01632410
AP Vouchers	2022	12 P	2022-12-0: OPERATOR 01632402
AP Vouchers	2022	11 P	2022-11-0: OPERATOR 01626609
AP Vouchers	2022	11 P	2022-11-2: OPERATOR 01626607
AP Vouchers	2022	10 P	2022-10-1: OPERATOR 01620669
AP Vouchers	2022	10 P	2022-10-1: OPERATOR 01620663

AP Vouchers	2022	9 P	2022-09-0: OPERATOR01614588
AP Vouchers	2022	9 P	2022-09-0: OPERATOR01614585
AP Vouchers	2022	8 P	2022-08-0: OPERATOR01608552
AP Vouchers	2022	8 P	2022-08-0: OPERATOR01608550
AP Vouchers	2022	7 P	2022-07-1: OPERATOR01604982
AP Vouchers	2022	7 P	2022-07-0: OPERATOR01602803
AP Vouchers	2022	7 P	2022-07-0: OPERATOR01602802
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01593548
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01596727
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01596712
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01593547
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01590636
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01590635
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01590613
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01590611
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01588970
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01588093
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01585766
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01579578
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01579575
AP Vouchers	2022	5 P	2022-05-0: OPERATOR01578621
AP Vouchers	2022	4 P	2022-04-2: OPERATOR01588089
AP Vouchers	2022	4 P	2022-04-0: OPERATOR01585272
AP Vouchers	2022	4 P	2022-04-0: OPERATOR01585270
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01579576
AP Vouchers	2022	3 P	2022-03-1: OPERATOR01579096
AP Vouchers	2022	3 P	2022-03-1: OPERATOR01579093
AP Vouchers	2022	3 P	2022-03-0: OPERATOR01579580
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01575173
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01575170
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01575167
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01575166
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01575165
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01572820
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01572818
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01571500
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01568372
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01568367
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01562556
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01562555
AC_EST - NOV.2022	2022	12 P	2022-12-1: JHU
AC_EST - NOV.2022	2022	11 P	2022-12-1: DADAVIS
REVERSE AC_EST - NOV.2022	2022	12 P	2022-12-1: JHU
REVERSE AC_EST - NOV.2022	2022	11 P	2022-12-1: DADAVIS

AC_EST - NOV.2022	2022	12 P	2022-12-01	JHU	
AC_EST - NOV.2022	2022	11 P	2022-12-01	KWANG	
AC_EST - OCT.2022	2022	11 P	2022-11-01	JHU	
AC_EST - OCT.2022	2022	10 P	2022-11-01	DADAVIS	
AC_EST - SEP.2022	2022	10 P	2022-10-01	JHU	
AC_EST - SEP.2022	2022	9 P	2022-10-01	DADAVIS	
AC_EST - AUG.2022	2022	9 P	2022-09-01	JHU	
AC_EST - AUG.2022	2022	8 P	2022-09-01	DADAVIS	
AC_EST - JUL.2022	2022	8 P	2022-08-01	JHU	
AC_EST - JUL.2022	2022	7 P	2022-08-01	DADAVIS	
AC_EST - JAN.2022	2022	2 P	2022-02-01	JHU	
AC_EST - JAN.2022	2022	1 P	2022-02-01	DADAVIS	
AC_EST - DEC.2021	2022	1 P	2022-01-01	JHU	
SUBSEQUENT VOUCHER ACCRU#	2022	12 P	2022-12-01	JHU	01633209
SUBSEQUENT VOUCHER ACCRU#	2022	11 P	2022-12-01	DADAVIS	01633209
SUBSEQUENT VOUCHER ACCRU#	2022	5 P	2022-05-01	JHU	01590636
SUBSEQUENT VOUCHER ACCRU#	2022	5 P	2022-05-01	JHU	01590635
SUBSEQUENT VOUCHER ACCRU#	2022	4 P	2022-05-01	DADAVIS	01590636
SUBSEQUENT VOUCHER ACCRU#	2022	4 P	2022-05-01	DADAVIS	01590635
SUBSEQUENT VOUCHER ACCRU#	2022	4 P	2022-04-01	JHU	01585766
SUBSEQUENT VOUCHER ACCRU#	2022	3 P	2022-04-01	DADAVIS	01585766
SUBSEQUENT VOUCHER ACCRU#	2022	3 P	2022-03-01	JHU	01579580
SUBSEQUENT VOUCHER ACCRU#	2022	3 P	2022-03-01	JHU	01579578
SUBSEQUENT VOUCHER ACCRU#	2022	3 P	2022-03-01	JHU	01579575
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-03-01	DADAVIS	01579580
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-03-01	DADAVIS	01579578
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-03-01	DADAVIS	01579575
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-02-01	JHU	01575173
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-02-01	JHU	01575170
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-02-01	JHU	01575167
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-02-01	JHU	01575166
SUBSEQUENT VOUCHER ACCRU#	2022	2 P	2022-02-01	JHU	01575165
SUBSEQUENT VOUCHER ACCRU#	2022	1 P	2022-02-01	DADAVIS	01575173
SUBSEQUENT VOUCHER ACCRU#	2022	1 P	2022-02-01	DADAVIS	01575170
SUBSEQUENT VOUCHER ACCRU#	2022	1 P	2022-02-01	DADAVIS	01575167
SUBSEQUENT VOUCHER ACCRU#	2022	1 P	2022-02-01	DADAVIS	01575166
SUBSEQUENT VOUCHER ACCRU#	2022	1 P	2022-02-01	DADAVIS	01575165
POWERPLANT JOURNAL	2022	12 P	2023-01-11	POWERPLNT	
Inventory Reserve November 202	2022	11 P	2022-12-01	THTRAN	
Inventory Reserve	2022	10 P	2022-11-11	THTRAN	
Inventory Reserve August 2022	2022	8 P	2022-09-01	THTRAN	
Inventory Reserve for June 202	2022	6 P	2022-07-11	AHAN	
Inventory Reserve for May 2022	2022	5 P	2022-06-01	AHAN	
Inventory Reserve for April 20	2022	4 P	2022-05-01	AHAN	

Inventory reserve for Mar 2022	2022	3 P	2022-04-01	BCHIN
Inventory reserve for Feb 2022	2022	2 P	2022-03-01	BCHIN
Inventory reserve for Jan 2022	2022	1 P	2022-02-01	BCHIN
Expense Journal	2020	12 P	2020-12-01	OPERATOR 000015118
AP Vouchers	2021	3 P	2021-04-01	OPERATOR 01507177
Inv. Res.ADJ.JE	2021	12 P	2022-01-01	BCHUAO
Inv. Res.ADJ.JE	2021	11 P	2021-12-01	BCHUAO
Inv. Res.ADJ.JE	2021	10 P	2021-11-11	BCHUAO
to post inventory reserve for	2021	9 P	2021-10-01	BCHUAO
to post inventory reserve for	2021	8 P	2021-09-11	BCHUAO
Inventory Reserve	2021	7 P	2021-08-11	JHU
Inventory Reserve 6-2021	2021	6 P	2021-07-01	SZHU
Inventory Reserve 05-2021	2021	5 P	2021-06-01	SZHU
Invnetory Reserve 04-2021	2021	4 P	2021-05-11	SZHU
Inventory reserve 03-2021	2021	3 P	2021-04-01	SZHU
Inventory reserve 02-2021	2021	2 P	2021-03-01	SZHU
Inventory Reserve 01-2021	2021	1 P	2021-02-01	SZHU
HRACCRUAL ACCRUAL FOR PAYR	2019	12 P	2019-12-01	CNGUYEN
HRACCRUAL ACCRUAL FOR PAYR	2019	11 P	2019-12-01	CNGUYEN
HRACCRUAL ACCRUAL FOR PAYR	2019	11 P	2019-11-01	CNGUYEN
HRACCRUAL ACCRUAL FOR PAYR	2019	10 P	2019-11-01	CNGUYEN
HR Payroll Journals	2019	11 P	2019-11-11	CNGUYEN
HR Payroll Journals	2019	10 P	2019-11-01	CNGUYEN
HR Payroll Journals	2021	11 P	2021-11-11	JAI
HR Payroll Accrual Journals Re	2021	9 P	2021-09-01	CNGUYEN
HR Payroll Accrual Journals	2021	8 P	2021-08-31	CNGUYEN
HR Payroll Journals	2021	8 P	2021-08-31	CNGUYEN
HR Payroll Journals	2021	2 P	2021-02-11	JAI
HR Payroll Journals	2022	1 P	2022-01-21	DULEE
Expense Journal	2021	7 P	2021-07-31	OPERATOR 000015991
Expense Journal	2021	7 P	2021-07-31	OPERATOR 000015991
Expense Journal	2021	7 P	2021-07-31	OPERATOR 000015991
Expense Journal	2021	7 P	2021-07-31	OPERATOR 000015991
Expense Journal	2021	7 P	2021-07-31	OPERATOR 000015991
Expense Journal	2019	6 P	2019-06-21	OPERATOR 000012819
Expense Journal	2019	6 P	2019-06-21	OPERATOR 000012819
AP Vouchers	2019	3 P	2019-03-21	OPERATOR 01379132
AP Vouchers	2019	3 P	2019-03-21	OPERATOR 01379104
AP Vouchers	2019	3 P	2019-03-21	OPERATOR 01379103
AP Vouchers	2019	2 P	2019-02-01	OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-01	OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-01	OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-01	OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-01	OPERATOR 01372683

AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR 01372679
Reclass between accounts	2019	3 P	2019-03-0: TSCANLON
Reclass between accounts	2019	2 P	2019-03-0: SZHU
Expense Journal	2022	2 P	2022-02-1: OPERATOR 000016751
Expense Journal	2023	6 P	2023-06-3: OPERATOR 000018210
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040963
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040416
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040779
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR 000040416
Accrue Unmatched PO Receipts	2020	11 P	2020-12-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	11 P	2020-12-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	11 P	2020-12-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	11 P	2020-12-0: OPERATOR 000040876
Accrue Unmatched PO Receipts	2020	11 P	2020-12-0: OPERATOR 000040779
Accrue Unmatched PO Receipts	2020	11 P	2020-12-0: OPERATOR 000040416
Accrue Unmatched PO Receipts	2020	11 P	2020-11-0: OPERATOR 000040416
Accrue Unmatched PO Receipts	2020	11 P	2020-11-0: OPERATOR 000040165







Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037833
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037833
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037357
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037833
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037833
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037759
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037357
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000037357
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000037357
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000037130
Inventory Transactions	2020	11 P	2020-12-0: OPERATOR INV
Inventory Transactions	2020	7 P	2020-08-0: OPERATOR INV
Inventory Transactions	2020	2 P	2020-03-0: OPERATOR INV
Inventory Transactions	2020	1 P	2020-02-0: OPERATOR INV
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GOMEZ, BR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH VALLEJO, FI
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GARCIA, RL
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GARCIA, RL
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH SEAN LOMI
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GOMEZ, BR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH SEAN LOMI
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH SEAN LOMI
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH PERRY, ANC
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH SEAN LOMI
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH GOMEZ, BR
Monthly pcard accrual	2020	12 P	2021-01-1: LBURBACH SEAN LOMI
Monthly pcard accrual	2020	1 P	2020-01-1(JHU LOMBARDI
Monthly pcard accrual	2020	1 P	2020-01-1(JHU LOMBARDI





















Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH PERRY, ANC
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH VALLEJO, FI
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH PERRY, ANC
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH VALLEJO, FI
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH LOMBARDI
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	7 P	2020-08-1: LBURBACH VALLEJO, FI
Monthly pcard accrual	2020	7 P	2020-07-0: JHU BROWN, PH
Monthly pcard accrual	2020	7 P	2020-07-0: JHU VALLEJO, FI
Monthly pcard accrual	2020	7 P	2020-07-0: JHU BROWN, PH
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU MCCONNE
Monthly pcard accrual	2020	7 P	2020-07-0: JHU LOMBARDI
Monthly pcard accrual	2020	7 P	2020-07-0: JHU FREEMAN J
Monthly pcard accrual	2020	7 P	2020-07-0: JHU SALGADO J
Monthly pcard accrual	2020	7 P	2020-07-0: JHU BROWN, PH
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU CERVANTE
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU VALLEJO, FI
Monthly pcard accrual	2020	7 P	2020-07-0: JHU FREEMAN J
Monthly pcard accrual	2020	7 P	2020-07-0: JHU FREEMAN J
Monthly pcard accrual	2020	7 P	2020-07-0: JHU FREEMAN J
Monthly pcard accrual	2020	7 P	2020-07-0: JHU BROWN, PH
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU JACKSON, K
Monthly pcard accrual	2020	7 P	2020-07-0: JHU GOMEZ, BR
Monthly pcard accrual	2020	7 P	2020-07-0: JHU SALGADO J

Monthly pcard accrual	2020	7 P	2020-07-0	JHU	PERRY,ANC
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	MCCONNE
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	JACKSON,k
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	PERRY,ANC
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	JACKSON,k
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	PERRY,ANC
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	JACKSON,k
Monthly pcard accrual	2020	7 P	2020-07-0	JHU	PERRY,ANC
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	VALLEJO,FI
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	MCCONNE
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	LOMBARDI
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	SALGADO J
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	CERVANTE
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	VALLEJO,FI
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	GOMEZ,BR
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	SALGADO J
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	PERRY,ANC
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	MCCONNE
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	PERRY,ANC
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	PERRY,ANC
Monthly pcard accrual	2020	6 P	2020-07-0	LBURBACH	PERRY,ANC
Monthly pcard accrual	2020	6 P	2020-06-1	JHU	BROWN,PH
Monthly pcard accrual	2020	6 P	2020-06-1	JHU	VALLEJO,FI
Monthly pcard accrual	2020	6 P	2020-06-1	JHU	JACKSON,k
Monthly pcard accrual	2020	6 P	2020-06-1	JHU	BROWN,PH

Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	SALGADO J
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	JACKSON, K
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	JACKSON, K
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	JACKSON, K
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	FREEMAN J
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	GOMEZ, BR
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	PERRY, ANC
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	MCCONNE
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	JACKSON, K
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	BROWN, PF
Monthly pcard accrual	2020	6 P	2020-06-1: JHU	JACKSON, K
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	VALLEJO, FI
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	JACKSON, K
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FREEMAN J
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	SALGADO J
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FREEMAN J
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	JACKSON, K
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	JACKSON, K
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FREEMAN J
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FREEMAN J
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	JACKSON, K
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	FREEMAN J
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	BROWN, PF
Monthly pcard accrual	2020	5 P	2020-06-1: LBURBACH	GOMEZ, BR





Monthly pcard accrual	2020	4 P	2020-04-01	JHU	PERRY,AN
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	FREEMAN J
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	PERRY,AN
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	LOMBARDI
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	BROWN,PH
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	BROWN,PH
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	BROWN,PH
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	PATTERSO
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	VALLEJO,FI
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	VALLEJO,FI
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	FREEMAN J
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	SALGADO J
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	BROWN,PH
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	VALLEJO,FI
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	4 P	2020-04-01	JHU	JACKSON,K
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	MCCONNE
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	JACKSON,K
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	PERRY,AN
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	PERRY,AN
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	PERRY,AN
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	FREEMAN J
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	PERRY,AN
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	LOMBARDI
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	BROWN,PH
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	JACKSON,K
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	JACKSON,K
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	JACKSON,K
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	PATTERSO
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	VALLEJO,FI
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	VALLEJO,FI
Monthly pcard accrual	2020	3 P	2020-04-01	LBURBACH	JACKSON,K



Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-FREEMAN J
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-SALGADO J
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-BROWN, P
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-VALLEJO, F
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	3 P	2020-04-01:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	3 P	2020-03-1:JHU PERRY, AN
Monthly pcard accrual	2020	3 P	2020-03-1:JHU PATTERSON
Monthly pcard accrual	2020	3 P	2020-03-1:JHU PATTERSON
Monthly pcard accrual	2020	3 P	2020-03-1:JHU BROWN, P
Monthly pcard accrual	2020	3 P	2020-03-1:JHU BROWN, P
Monthly pcard accrual	2020	3 P	2020-03-1:JHU JACKSON, K
Monthly pcard accrual	2020	3 P	2020-03-1:JHU GARCIA, R
Monthly pcard accrual	2020	3 P	2020-03-1:JHU JACKSON, K
Monthly pcard accrual	2020	3 P	2020-03-1:JHU JACKSON, K
Monthly pcard accrual	2020	3 P	2020-03-1:JHU VALLEJO, F
Monthly pcard accrual	2020	3 P	2020-03-1:JHU VALLEJO, F
Monthly pcard accrual	2020	3 P	2020-03-1:JHU SALGADO J
Monthly pcard accrual	2020	3 P	2020-03-1:JHU FREEMAN J
Monthly pcard accrual	2020	3 P	2020-03-1:JHU FREEMAN J
Monthly pcard accrual	2020	3 P	2020-03-1:JHU FREEMAN J
Monthly pcard accrual	2020	3 P	2020-03-1:JHU JACKSON, K
Monthly pcard accrual	2020	3 P	2020-03-1:JHU JACKSON, K
Monthly pcard accrual	2020	3 P	2020-03-1:JHU JACKSON, K
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-PERRY, AN
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-PATTERSON
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-PATTERSON
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-BROWN, P
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-BROWN, P
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-GARCIA, R
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-JACKSON, K
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-VALLEJO, F
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-VALLEJO, F
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-SALGADO J
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-FREEMAN J
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-FREEMAN J
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-FREEMAN J
Monthly pcard accrual	2020	2 P	2020-03-1:LBURBACH-JACKSON, K

Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	2 P	2020-03-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	2 P	2020-02-1: JHU BROWN, PH
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PATTERSON
Monthly pcard accrual	2020	2 P	2020-02-1: JHU LOMBARDI
Monthly pcard accrual	2020	2 P	2020-02-1: JHU LOMBARDI
Monthly pcard accrual	2020	2 P	2020-02-1: JHU BROWN, PH
Monthly pcard accrual	2020	2 P	2020-02-1: JHU PERRY, AN
Monthly pcard accrual	2020	2 P	2020-02-1: JHU SALGADO J
Monthly pcard accrual	2020	2 P	2020-02-1: JHU SALGADO J
Monthly pcard accrual	2020	2 P	2020-02-1: JHU VALLEJO, FI
Monthly pcard accrual	2020	2 P	2020-02-1: JHU SALGADO J
Monthly pcard accrual	2020	2 P	2020-02-1: JHU FREEMAN J
Monthly pcard accrual	2020	2 P	2020-02-1: JHU JACKSON, K
Monthly pcard accrual	2020	2 P	2020-02-1: JHU FREEMAN J
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH BROWN, PH
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH PATTERSON
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH LOMBARDI
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH LOMBARDI
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH BROWN, PH
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH PERRY, AN
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH VALLEJO, FI
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH SALGADO J
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH FREEMAN J
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH JACKSON, K
Monthly pcard accrual	2020	1 P	2020-02-1: LBURBACH FREEMAN J
Expense Journal	2020	12 P	2020-12-3: LBURBACH 000015213
Expense Journal	2020	12 P	2020-12-2: OPERATOR 000015199
Expense Journal	2020	12 P	2020-12-2: OPERATOR 000015199
Expense Journal	2020	11 P	2020-12-0: OPERATOR 000015077
Expense Journal	2020	11 P	2020-11-0: OPERATOR 000015033
Expense Journal	2020	11 P	2020-11-0: OPERATOR 000015033
Expense Journal	2020	10 P	2020-10-1: OPERATOR 000014970
Expense Journal	2020	9 P	2020-09-2: OPERATOR 000014867
Expense Journal	2020	9 P	2020-09-2: OPERATOR 000014867
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014850
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014850
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014841
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014834
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014834
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014834
Expense Journal	COVIDT	9 P	2020-09-1: OPERATOR 000014834

Expense Journal		2020	9 P	2020-09-1( OPERATOR 000014834
Expense Journal		2020	9 P	2020-09-1( OPERATOR 000014834
Expense Journal		2020	9 P	2020-09-1( OPERATOR 000014531
Expense Journal		2020	9 P	2020-09-1( OPERATOR 000014531
Expense Journal		2020	9 P	2020-09-1( OPERATOR 000014531
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014811
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014811
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal	COVIDT	2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal	COVIDT	2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal	COVIDT	2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014809
Expense Journal		2020	9 P	2020-09-0( OPERATOR 000014639
Expense Journal		2020	8 P	2020-08-2( OPERATOR 000014782
Expense Journal		2020	8 P	2020-08-2( OPERATOR 000014782
Expense Journal		2020	8 P	2020-08-1( OPERATOR 000014718
Expense Journal		2020	8 P	2020-08-1( OPERATOR 000014717
Expense Journal		2020	8 P	2020-08-0( OPERATOR 000014694
Expense Journal		2020	7 P	2020-07-3( OPERATOR 000014638
Expense Journal		2020	7 P	2020-07-2( OPERATOR 000014627
Expense Journal		2020	7 P	2020-07-0( OPERATOR 000014547
Expense Journal		2020	7 P	2020-07-0( OPERATOR 000014328
Expense Journal		2020	6 P	2020-06-1( OPERATOR 000014451
Expense Journal	COVIDT	2020	6 P	2020-06-1( OPERATOR 000014451
Expense Journal		2020	6 P	2020-06-0( OPERATOR 000014446
Expense Journal		2020	6 P	2020-06-0( OPERATOR 000014439
Expense Journal	COVIDT	2020	6 P	2020-06-0( OPERATOR 000014439
Expense Journal		2020	5 P	2020-05-2( OPERATOR 000014319
Expense Journal		2020	5 P	2020-05-2( OPERATOR 000014320
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014359
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014359
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014359
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014359
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014359
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014352
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014352
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014352
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014339
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014319
Expense Journal		2020	5 P	2020-05-1( OPERATOR 000014319

Expense Journal		2020	5 P	2020-05-1: OPERATOR 000014319
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	5 P	2020-05-0: OPERATOR 000014242
Expense Journal		2020	4 P	2020-04-3: OPERATOR 000014235
Expense Journal		2020	4 P	2020-04-3: OPERATOR 000014162
Expense Journal		2020	4 P	2020-04-3: OPERATOR 000014162
Expense Journal		2020	4 P	2020-04-3: OPERATOR 000014162
Expense Journal		2020	4 P	2020-04-3: OPERATOR 000014162
Expense Journal		2020	4 P	2020-04-2: OPERATOR 000014237
Expense Journal		2020	4 P	2020-04-1: OPERATOR 000014204
Expense Journal		2020	4 P	2020-04-1: OPERATOR 000014163
Expense Journal		2020	4 P	2020-04-0: OPERATOR 000014161
Expense Journal		2020	4 P	2020-04-0: OPERATOR 000014162
Expense Journal		2020	3 P	2020-03-2: OPERATOR 000014044
Expense Journal		2020	3 P	2020-03-2: OPERATOR 000014044
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014075
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014075
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014075
Expense Journal	COVIDT	2020	3 P	2020-03-1: OPERATOR 000014075
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014058
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014058
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014063
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014022
Expense Journal		2020	3 P	2020-03-1: OPERATOR 000014021
Expense Journal		2020	3 P	2020-03-0: OPERATOR 000014007
Expense Journal		2020	3 P	2020-03-0: OPERATOR 000013933
Expense Journal		2020	3 P	2020-03-0: OPERATOR 000012997
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013964
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013964
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013970
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013970
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013969
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013952
Expense Journal		2020	2 P	2020-02-2: OPERATOR 000013952
Expense Journal		2020	2 P	2020-02-1: OPERATOR 000013889
Expense Journal		2020	2 P	2020-02-1: OPERATOR 000013889
Expense Journal		2020	2 P	2020-02-1: OPERATOR 000013902
Expense Journal		2020	2 P	2020-02-0: OPERATOR 000013879

Expense Journal	2020	2 P	2020-02-0	OPERATOR 000013879
Expense Journal	2020	2 P	2020-02-0	OPERATOR 000013824
Expense Journal	2020	1 P	2020-01-3	OPERATOR 000013832
Expense Journal	2020	1 P	2020-01-3	OPERATOR 000013059
Expense Journal	2020	1 P	2020-02-0	OPERATOR 000013813
Expense Journal	2020	1 P	2020-02-0	OPERATOR 000013813
Expense Journal	2020	1 P	2020-02-0	OPERATOR 000013813
Expense Journal	2020	1 P	2020-01-2	OPERATOR 000013782
Expense Journal	2020	1 P	2020-01-2	OPERATOR 000013633
Expense Journal	2020	1 P	2020-01-2	OPERATOR 000013633
Expense Journal	2020	1 P	2020-01-1	OPERATOR 000013674
Expense Journal	2020	1 P	2020-01-1	OPERATOR 000013781
Expense Journal	2020	1 P	2020-01-0	OPERATOR 000013558
AR Direct Cash Journal	2020	12 P	2020-12-0	OPERATOR
AP MONTH END ACCRUAL - AP UN	2020	12 P	2021-01-0	DADAVIS 01496074
AP MONTH END ACCRUAL - AP UN	2020	12 P	2021-01-0	DADAVIS 01496074
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-0	JHU 01426505
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-0	JHU 01430291
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-0	JHU 01490302
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-0	JHU 01490302
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-0	JHU 01484236
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-0	JHU 01484236
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-0	JHU 01490180
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-0	JHU 01489619
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-12-0	DADAVIS 01490302
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AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-0	DADAVIS 01484236
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AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-10-0	DADAVIS 01482579
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-10-0	DADAVIS 01482450
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AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-0	JHU 01472493
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-0	JHU 01466366

AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01449400
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01472493
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01466366
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AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01467492
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-09-01	DADAVIS	01472493
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AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-01	JHU	01449400
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AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01466366
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AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01467492
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AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01449400
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01460547
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01460543
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AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01449400
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01449400
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01460547
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01460543
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01454723
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01449400
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01449400
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01454477
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01454723
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01449400
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01449400
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01454477

AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01449400
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01449400
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01447708
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01452655
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01448887
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01447761
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01447761
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01453195
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01449400
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01449400
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01447708
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01452655
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01448887
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01447761
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01447761
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-05-01	DADAVIS	01453195
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01447708
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01446479
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01446477
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01446476
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01446460
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01446459
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01446458
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-01	TDING	01447761
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01447708
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01446479
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01446477
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01446476
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01446460
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01446459
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01446458
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-01	DADAVIS	01447761
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-01	JHU	01437308
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-01	JHU	01431863
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01437308
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01431863
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01431863
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01431863
AP Vouchers	2020	12 P	2020-12-31	OPERATOR	01495612
AP Vouchers	2020	12 P	2020-12-21	OPERATOR	01499942
AP Vouchers	2020	12 P	2020-12-21	OPERATOR	01499942
AP Vouchers	2020	12 P	2020-12-21	OPERATOR	01497328
AP Vouchers	2020	12 P	2021-01-01	OPERATOR	01497325
AP Vouchers	2020	12 P	2021-01-01	OPERATOR	01494817

AP Vouchers		2020	12 P	2021-01-0: OPERATOR01497279
AP Vouchers		2020	12 P	2020-12-1: OPERATOR01495670
AP Vouchers	COVIDT	2020	12 P	2020-12-1: OPERATOR01493988
AP Vouchers		2020	12 P	2020-12-1: OPERATOR01493988
AP Vouchers		2020	12 P	2020-12-1: OPERATOR01493988
AP Vouchers		2020	12 P	2020-12-0: OPERATOR01490180
AP Vouchers		2020	12 P	2020-12-0: OPERATOR01489619
AP Vouchers		2020	12 P	2020-12-0: OPERATOR01490302
AP Vouchers		2020	12 P	2020-12-0: OPERATOR01490302
AP Vouchers		2020	12 P	2020-12-0: OPERATOR01484236
AP Vouchers		2020	12 P	2020-12-0: OPERATOR01484236
AP Vouchers		2020	11 P	2020-11-3: OPERATOR01489857
AP Vouchers		2020	11 P	2020-11-1: OPERATOR01493052
AP Vouchers		2020	11 P	2020-11-1: OPERATOR01490179
AP Vouchers		2020	11 P	2020-11-1: OPERATOR01492178
AP Vouchers	COVIDT	2020	11 P	2020-11-1: OPERATOR01488212
AP Vouchers		2020	11 P	2020-11-1: OPERATOR01488212
AP Vouchers		2020	11 P	2020-11-1: OPERATOR01488212
AP Vouchers		2020	11 P	2020-11-1: OPERATOR01490237
AP Vouchers		2020	11 P	2020-11-0: OPERATOR01483723
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01487775
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01487774
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01487773
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01487771
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01487166
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01485314
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01485314
AP Vouchers	COVIDT	2020	10 P	2020-10-2: OPERATOR01482079
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01482079
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01482079
AP Vouchers		2020	10 P	2020-10-2: OPERATOR01485979
AP Vouchers		2020	10 P	2020-10-1: OPERATOR01482449
AP Vouchers		2020	10 P	2020-10-0: OPERATOR01483922
AP Vouchers		2020	10 P	2020-10-0: OPERATOR01484222
AP Vouchers		2020	9 P	2020-09-2: OPERATOR01477467
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01478932
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01478932
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01472493
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01472493
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01466366
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AP Vouchers		2020	9 P	2020-09-1: OPERATOR01449400
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AP Vouchers		2020	9 P	2020-09-1: OPERATOR01478650



AP Vouchers		2020	9 P	2020-09-1 OPERATOR 01478454
AP Vouchers		2020	9 P	2020-09-3 OPERATOR 01477906
AP Vouchers	COVIDT	2020	9 P	2020-09-0 OPERATOR 01475956
AP Vouchers		2020	9 P	2020-09-0 OPERATOR 01475956
AP Vouchers		2020	9 P	2020-09-0 OPERATOR 01475956
AP Vouchers		2020	8 P	2020-08-2 OPERATOR 01471600
AP Vouchers		2020	8 P	2020-08-3 OPERATOR 01475338
AP Vouchers		2020	8 P	2020-08-3 OPERATOR 01475337
AP Vouchers		2020	8 P	2020-08-2 OPERATOR 01472032
AP Vouchers	COVIDT	2020	8 P	2020-08-2 OPERATOR 01469832
AP Vouchers		2020	8 P	2020-08-2 OPERATOR 01469832
AP Vouchers		2020	8 P	2020-08-2 OPERATOR 01469832
AP Vouchers		2020	8 P	2020-08-1 OPERATOR 01471948
AP Vouchers		2020	8 P	2020-08-1 OPERATOR 01472031
AP Vouchers		2020	8 P	2020-08-1 OPERATOR 01472029
AP Vouchers		2020	7 P	2020-07-3 OPERATOR 01464959
AP Vouchers		2020	7 P	2020-07-2 OPERATOR 01464932
AP Vouchers		2020	7 P	2020-07-2 OPERATOR 01464932
AP Vouchers		2020	7 P	2020-07-2 OPERATOR 01464932
AP Vouchers		2020	7 P	2020-08-0 OPERATOR 01460514
AP Vouchers		2020	7 P	2020-08-0 OPERATOR 01460514
AP Vouchers		2020	7 P	2020-08-0 OPERATOR 01454723
AP Vouchers		2020	7 P	2020-08-0 OPERATOR 01454723
AP Vouchers		2020	7 P	2020-07-2 OPERATOR 01466016
AP Vouchers		2020	7 P	2020-07-1 OPERATOR 01460547
AP Vouchers		2020	7 P	2020-07-1 OPERATOR 01460545
AP Vouchers		2020	7 P	2020-07-1 OPERATOR 01460544
AP Vouchers		2020	7 P	2020-07-1 OPERATOR 01460543
AP Vouchers		2020	7 P	2020-07-1 OPERATOR 01467061
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01464939
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01464939
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01464939
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01464938
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01464938
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01464938
AP Vouchers		2020	7 P	2020-07-0 OPERATOR 01461621
AP Vouchers		2020	6 P	2020-06-2 OPERATOR 01459776
AP Vouchers		2020	6 P	2020-06-2 OPERATOR 01459729
AP Vouchers		2020	6 P	2020-06-1 OPERATOR 01460083
AP Vouchers		2020	6 P	2020-06-1 OPERATOR 01454477
AP Vouchers		2020	6 P	2020-06-2 OPERATOR 01460875
AP Vouchers		2020	6 P	2020-06-2 OPERATOR 01460875
AP Vouchers		2020	6 P	2020-06-2 OPERATOR 01460875
AP Vouchers		2020	6 P	2020-06-1 OPERATOR 01456945

AP Vouchers	2020	6 P	2020-06-10 OPERATOR01456945
AP Vouchers	2020	6 P	2020-06-10 OPERATOR01456739
AP Vouchers	2020	6 P	2020-06-10 OPERATOR01456739
AP Vouchers	2020	6 P	2020-06-01 OPERATOR01459723
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01447761
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01447761
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01447708
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01454309
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01452655
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01455639
AP Vouchers	2020	5 P	2020-05-10 OPERATOR01455275
AP Vouchers	2020	5 P	2020-05-01 OPERATOR01448887
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01453152
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451122
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451122
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451122
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451202
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451201
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451193
AP Vouchers	2020	4 P	2020-04-20 OPERATOR01451193
AP Vouchers	2020	4 P	2020-04-10 OPERATOR01450395
AP Vouchers	2020	4 P	2020-04-10 OPERATOR01449254
AP Vouchers	2020	4 P	2020-04-10 OPERATOR01448812
AP Vouchers	2020	4 P	2020-04-10 OPERATOR01448965
AP Vouchers	2020	4 P	2020-04-01 OPERATOR01444317
AP Vouchers	2020	4 P	2020-04-01 OPERATOR01444317
AP Vouchers	2020	3 P	2020-03-31 OPERATOR01443217
AP Vouchers	2020	3 P	2020-03-31 OPERATOR01443217
AP Vouchers	2020	3 P	2020-03-31 OPERATOR01443167
AP Vouchers	2020	3 P	2020-03-31 OPERATOR01437501
AP Vouchers	2020	3 P	2020-03-20 OPERATOR01442584
AP Vouchers	2020	3 P	2020-03-20 OPERATOR01436338
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01445124
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01445124
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01444840
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01438424
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01438415
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01440910
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01440910
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01443779
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01437308
AP Vouchers	2020	3 P	2020-03-10 OPERATOR01431863
AP Vouchers	2020	3 P	2020-03-01 OPERATOR01424617
AP Vouchers	2020	2 P	2020-02-20 OPERATOR01439856

AP Vouchers	2020	2 P	2020-02-21 OPERATOR01439856
AP Vouchers	2020	2 P	2020-02-21 OPERATOR01435499
AP Vouchers	2020	2 P	2020-02-21 OPERATOR01435499
AP Vouchers	2020	2 P	2020-02-11 OPERATOR01437735
AP Vouchers	2020	1 P	2020-01-21 OPERATOR01434827
AP Vouchers	2020	1 P	2020-01-21 OPERATOR01432830
AP Vouchers	2020	1 P	2020-01-21 OPERATOR01424913
AP Vouchers	2020	1 P	2020-01-21 OPERATOR01419504
AP Vouchers	2020	1 P	2020-01-21 OPERATOR01431841
AP Vouchers	2020	1 P	2020-01-21 OPERATOR01431841
AP Vouchers	2020	1 P	2020-01-11 OPERATOR01433262
AP Vouchers	2020	1 P	2020-02-11 OPERATOR01432731
AP Vouchers	2020	1 P	2020-02-11 OPERATOR01432730
AP Vouchers	2020	1 P	2020-02-11 OPERATOR01432729
AP Vouchers	2020	1 P	2020-02-11 OPERATOR01432728
AP Vouchers	2020	1 P	2020-02-11 OPERATOR01432727
AP Vouchers	2020	1 P	2020-02-11 OPERATOR01426505
AP Vouchers	2020	1 P	2020-01-01 OPERATOR01431879
AC_EST - DEC.2020	2020	12 P	2021-01-01 DADAVIS
AC_EST - NOV.2020	2020	12 P	2020-12-01 JHU
AC_EST - NOV.2020	2020	11 P	2020-12-01 DADAVIS
AC_EST - OCT.2020	2020	11 P	2020-11-01 JHU
AC_EST - OCT.2020	2020	10 P	2020-11-01 DADAVIS
AC_EST - SEP.2020	2020	10 P	2020-10-01 JHU
AC_EST - SEP.2020	2020	9 P	2020-10-01 DADAVIS
AC_EST - AUG.2020	2020	9 P	2020-09-01 JHU
AC_EST - AUG.2020	2020	8 P	2020-09-01 DADAVIS
AC_EST - JUL.2020	2020	8 P	2020-08-01 JHU
AC_EST - JUL.2020	2020	7 P	2020-08-01 DADAVIS
AC_EST - JUN.2020	2020	7 P	2020-07-01 JHU
AC_EST - JUN.2020	2020	6 P	2020-07-01 DADAVIS
AC_EST - MAY.2020	2020	6 P	2020-06-01 JHU
AC_EST - MAY.2020	2020	5 P	2020-06-01 DADAVIS
AC_EST - APR.2020	2020	5 P	2020-05-01 TDING
AC_EST - APR.2020	2020	4 P	2020-05-01 DADAVIS
AC_EST -- MAR.2020	2020	4 P	2020-04-01 JHU
AC_EST -- MAR.2020	2020	3 P	2020-04-01 DADAVIS
AC_EST -- FEB.2020	2020	3 P	2020-03-01 JHU
AC_EST -- FEB.2020	2020	2 P	2020-03-01 DADAVIS
AC_EST - JAN.2020	2020	2 P	2020-02-01 JHU
AC_EST - JAN.2020	2020	1 P	2020-02-01 DADAVIS
AC_EST - DEC.2019	2020	1 P	2020-01-01 JHU
Reclass between accounts	2020	12 P	2021-01-11 SZHU
Reclass between accounts	2020	12 P	2021-01-11 SZHU





Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	4 P	2020-04-0	TSCANLON
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
Reclass between accounts	2020	3 P	2020-04-0	SZHU
SUBSEQUENT VOUCHER ACCRU	2020	12 P	2020-12-0	JHU 01494817
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-12-0	DADAVIS 01494817
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-11-0	JHU 01490237
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-11-0	JHU 01489857
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-11-0	JHU 01490302
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-11-0	JHU 01490180
SUBSEQUENT VOUCHER ACCRU	2020	11 P	2020-11-0	JHU 01490179
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-11-0	DADAVIS 01490237
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-11-0	DADAVIS 01489857
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-11-0	DADAVIS 01490302
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SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-11-0	DADAVIS 01490179
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-10-0	JHU 01484222
SUBSEQUENT VOUCHER ACCRU	2020	10 P	2020-10-0	JHU 01483922
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-10-0	DADAVIS 01484222
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-10-0	DADAVIS 01483922
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-09-1	JHU 01478650
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-09-1	JHU 01477906
SUBSEQUENT VOUCHER ACCRU	2020	9 P	2020-09-1	JHU 01478454
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-09-1	DADAVIS 01478650
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-09-1	DADAVIS 01477906
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-09-1	DADAVIS 01478454
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-08-1	JHU 01471948
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-08-1	JHU 01472032
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-08-1	JHU 01472031
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-08-1	JHU 01472029

SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-08-1: DADAVIS	01471948
SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-08-1: DADAVIS	01472032
SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-08-1: DADAVIS	01472031
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SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-07-1: JHU	01464938
SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-07-1: JHU	01464938
SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-07-1: JHU	01464938
SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-07-1: JHU	01464938
SUBSEQUENT VOUCHER ACCRU#	2020	7 P	2020-07-1: JHU	01466016
SUBSEQUENT VOUCHER ACCRU#	2020	6 P	2020-07-1: DADAVIS	01464939
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SUBSEQUENT VOUCHER ACCRU#	2020	6 P	2020-06-0: JHU	01459776
SUBSEQUENT VOUCHER ACCRU#	2020	6 P	2020-06-0: JHU	01460547
SUBSEQUENT VOUCHER ACCRU#	2020	6 P	2020-06-0: JHU	01460545
SUBSEQUENT VOUCHER ACCRU#	2020	6 P	2020-06-0: JHU	01460544
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SUBSEQUENT VOUCHER ACCRU#	2020	5 P	2020-06-0: DADAVIS	01459776
SUBSEQUENT VOUCHER ACCRU#	2020	5 P	2020-06-0: DADAVIS	01460547
SUBSEQUENT VOUCHER ACCRU#	2020	5 P	2020-06-0: DADAVIS	01460545
SUBSEQUENT VOUCHER ACCRU#	2020	5 P	2020-06-0: DADAVIS	01460544
SUBSEQUENT VOUCHER ACCRU#	2020	5 P	2020-06-0: DADAVIS	01460543
SUBSEQUENT VOUCHER ACCRU#	2020	5 P	2020-05-1: JHU	01454309
SUBSEQUENT VOUCHER ACCRU#	2020	4 P	2020-05-1: DADAVIS	01454309
SUBSEQUENT VOUCHER ACCRU#	2020	4 P	2020-04-1: JHU	01448965
SUBSEQUENT VOUCHER ACCRU#	2020	4 P	2020-04-1: JHU	01449254
SUBSEQUENT VOUCHER ACCRU#	2020	3 P	2020-04-1: DADAVIS	01448965
SUBSEQUENT VOUCHER ACCRU#	2020	3 P	2020-04-1: DADAVIS	01449254
SUBSEQUENT VOUCHERS ACCRL	2020	2 P	2020-02-1: JHU	01437735
SUBSEQUENT VOUCHERS ACCRL	2020	1 P	2020-02-1: DADAVIS	01437735
SUBSEQUENT VOUCHER ACCRU#	2020	12 P	2021-01-1: DADAVIS	01501537
SUBSEQUENT VOUCHER ACCRU#	2020	12 P	2021-01-1: DADAVIS	01501364
SUBSEQUENT VOUCHER ACCRU#	2020	1 P	2020-01-1: JHU	01432731
SUBSEQUENT VOUCHER ACCRU#	2020	1 P	2020-01-1: JHU	01432730
SUBSEQUENT VOUCHER ACCRU#	2020	1 P	2020-01-1: JHU	01432729
SUBSEQUENT VOUCHER ACCRU#	2020	1 P	2020-01-1: JHU	01432728
SUBSEQUENT VOUCHER ACCRU#	2020	1 P	2020-01-1: JHU	01432727
SUBSEQUENT VOUCHER ACCRU#	2020	1 P	2020-01-1: JHU	01431879

HR Payroll Journals - PPE12/9/	2023	12 P	2023-12-1: DULEE
Accrue Unmatched PO Receipts	2020	9 P	2020-09-0: OPERATOR 000039771
Accrue Unmatched PO Receipts	2020	8 P	2020-09-0: OPERATOR 000039771
Accrue Unmatched PO Receipts	2020	8 P	2020-08-0: OPERATOR 000039204
Accrue Unmatched PO Receipts	2020	7 P	2020-08-0: OPERATOR 000039204
Accrue Unmatched PO Receipts	2020	7 P	2020-07-0: OPERATOR 000039204
Accrue Unmatched PO Receipts	2020	7 P	2020-07-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	7 P	2020-07-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	6 P	2020-07-0: OPERATOR 000039204
Accrue Unmatched PO Receipts	2020	6 P	2020-07-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	6 P	2020-07-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	6 P	2020-07-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	6 P	2020-07-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	6 P	2020-07-0: OPERATOR 000038238
Accrue Unmatched PO Receipts	2020	5 P	2020-06-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	5 P	2020-06-0: OPERATOR 000038895
Accrue Unmatched PO Receipts	2020	5 P	2020-06-0: OPERATOR 000038238
Accrue Unmatched PO Receipts	2020	5 P	2020-05-0: OPERATOR 000038238
Accrue Unmatched PO Receipts	2020	4 P	2020-05-0: OPERATOR 000038238
Accrue Unmatched PO Receipts	2020	4 P	2020-05-0: OPERATOR 000038238
Accrue Unmatched PO Receipts	2020	3 P	2020-04-0: OPERATOR 000038238
AP Vouchers	2020	11 P	2020-11-1: OPERATOR 01491509
AP Vouchers	2020	9 P	2020-09-0: OPERATOR 01478432
AP Vouchers	2020	8 P	2020-08-1: OPERATOR 01472671
AP Vouchers	2020	7 P	2020-07-1: OPERATOR 01467664
AP Vouchers	2020	7 P	2020-07-1: OPERATOR 01467663
AP Vouchers	2020	7 P	2020-07-1: OPERATOR 01467662
AP Vouchers	2020	6 P	2020-06-2: OPERATOR 01463657
AP Vouchers	2020	2 P	2020-02-2: OPERATOR 01439548
AP Vouchers	2020	2 P	2020-02-0: OPERATOR 01437612
AC_EST - OCT.2020	2020	11 P	2020-11-0: JHU
AC_EST - OCT.2020	2020	10 P	2020-11-0: DADAVIS
AC_EST - SEP.2020	2020	10 P	2020-10-0: JHU
AC_EST - SEP.2020	2020	9 P	2020-10-0: DADAVIS
AC_EST - AUG.2020	2020	9 P	2020-09-0: JHU
AC_EST - AUG.2020	2020	8 P	2020-09-0: DADAVIS
AC_EST - JUL.2020	2020	8 P	2020-08-0: JHU
AC_EST - JUL.2020	2020	7 P	2020-08-0: DADAVIS
AC_EST - JUN.2020	2020	7 P	2020-07-0: JHU
AC_EST - JUN.2020	2020	6 P	2020-07-0: DADAVIS
SUBSEQUENT VOUCHERS ACCRL	2020	2 P	2020-02-1: JHU 01437612
SUBSEQUENT VOUCHERS ACCRL	2020	1 P	2020-02-1: DADAVIS 01437612
Accrue Unmatched PO Receipts	2021	12 P	2022-01-0: OPERATOR 000044671
Accrue Unmatched PO Receipts	2021	4 P	2021-04-0: OPERATOR 000041493



Accrue Unmatched PO Receipts	2021	3 P	2021-04-0: OPERATOR 000041493
Accrue Unmatched PO Receipts	2021	3 P	2021-03-0: OPERATOR 000041493
Accrue Unmatched PO Receipts	2021	2 P	2021-03-0: OPERATOR 000041493
Accrue Unmatched PO Receipts	2021	2 P	2021-02-0: OPERATOR 000041493
Accrue Unmatched PO Receipts	2021	1 P	2021-02-0: OPERATOR 000041493
AP Vouchers	2021	12 P	2021-12-1: OPERATOR 01563518
AP Vouchers	2021	2 P	2021-02-2: OPERATOR 01509951
AP Vouchers	2021	1 P	2021-01-2: OPERATOR 01503824
AP Vouchers	2021	1 P	2021-01-2: OPERATOR 01504437
AC_EST - MAY.2021	2021	6 P	2021-06-0: JHU
AC_EST - MAY.2021	2021	5 P	2021-06-0: DADAVIS
AC_EST - APR.2021	2021	5 P	2021-05-0: JHU
AC_EST - APR.2021	2021	4 P	2021-05-0: DADAVIS
AC_EST - MAR.2021	2021	4 P	2021-04-0: JHU
AC_EST - MAR.2021	2021	3 P	2021-04-0: DADAVIS
AC_EST - FEB.2021	2021	3 P	2021-03-0: JHU
AC_EST - FEB.2021	2021	2 P	2021-03-0: DADAVIS
AC_EST - JAN.2021	2021	2 P	2021-02-0: JHU
AC_EST - JAN.2021	2021	1 P	2021-02-0: DADAVIS
SUBSEQUENT VOUCHER ACCRUAL	2021	12 P	2021-12-0: JHU 01563518
SUBSEQUENT VOUCHER ACCRUAL	2021	11 P	2021-12-0: DADAVIS 01563518
Accrue Unmatched PO Receipts	2023	12 P	2024-01-0: OPERATOR 000052088
AP MONTH END ACCRUAL - AP UN	2023	12 P	2023-12-0: JFUNG 01701659
AP MONTH END ACCRUAL - AP UN	2023	11 P	2023-12-0: DADAVIS 01701659
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-09-0: JHU 01680800
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-09-0: JHU 01675510
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-09-0: DADAVIS 01680800
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-09-0: DADAVIS 01675510
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-08-0: TSCANLON 01675510
AP MONTH END ACCRUAL - AP UN	2023	7 P	2023-08-0: DADAVIS 01675510
AP Vouchers	2023	12 P	2023-12-2: OPERATOR 01707677
AP Vouchers	2023	12 P	2023-12-1: OPERATOR 01707715
AP Vouchers	2023	12 P	2023-12-0: OPERATOR 01701659
AP Vouchers	2023	11 P	2023-11-1: OPERATOR 01701657
AP Vouchers	2023	11 P	2023-11-1: OPERATOR 01700847
AP Vouchers	2023	10 P	2023-10-0: OPERATOR 01689243
AP Vouchers	2023	10 P	2023-10-0: OPERATOR 01688312
AP Vouchers	2023	9 P	2023-09-0: OPERATOR 01680800
AP Vouchers	2023	9 P	2023-09-0: OPERATOR 01675510
AP Vouchers	2023	8 P	2023-08-0: OPERATOR 01680772
AP Vouchers	2023	7 P	2023-07-3: OPERATOR 01675031
AP Vouchers	2023	6 P	2023-06-2: OPERATOR 01668615
AP Vouchers	2023	6 P	2023-06-2: OPERATOR 01668520
AP Vouchers	2023	5 P	2023-05-1: OPERATOR 01663099

AP Vouchers		2023	5 P	2023-05-1: OPERATOR	01662986
AP Vouchers		2023	5 P	2023-05-0: OPERATOR	01656238
AP Vouchers		2023	4 P	2023-04-1: OPERATOR	01656147
AP Vouchers		2023	3 P	2023-03-2: OPERATOR	01650349
AC_EST - DEC.2023		2023	12 P	2024-01-0: DADAVIS	
AC_EST - SEP.2023		2023	10 P	2023-10-0: JHU	
AC_EST - SEP.2023		2023	9 P	2023-10-0: DADAVIS	
AC_EST - AUG.2023		2023	9 P	2023-09-0: JHU	
AC_EST - AUG.2023		2023	8 P	2023-09-0: KWANG	
AC_EST - JUL.2023		2023	8 P	2023-08-0: TSCANLON	
AC_EST - JUL.2023		2023	7 P	2023-08-0: DADAVIS	
AC_EST - JUN.2023		2023	7 P	2023-07-0: JHU	
AC_EST - JUN.2023		2023	6 P	2023-07-0: KWANG	
AC_EST - MAY.2023		2023	6 P	2023-06-0: JHU	
AC_EST - MAY.2023		2023	5 P	2023-06-0: DADAVIS	
SUBSEQUENT VOUCHER ACCRU		2023	11 P	2023-11-0: JFUNG	01700847
SUBSEQUENT VOUCHER ACCRU		2023	10 P	2023-11-0: DADAVIS	01700847
SUBSEQUENT VOUCHER ACCRU		2023	8 P	2023-08-0: JHU	01680800
SUBSEQUENT VOUCHER ACCRU		2023	8 P	2023-08-0: JHU	01680772
SUBSEQUENT VOUCHER ACCRU		2023	7 P	2023-08-0: DADAVIS	01680800
SUBSEQUENT VOUCHER ACCRU		2023	7 P	2023-08-0: DADAVIS	01680772
SUBSEQUENT VOUCHER ACCRU		2023	7 P	2023-07-1: JHU	01675510
SUBSEQUENT VOUCHER ACCRU		2023	7 P	2023-07-1: JHU	01675031
SUBSEQUENT VOUCHER ACCRU		2023	6 P	2023-07-1: DADAVIS	01675510
SUBSEQUENT VOUCHER ACCRU		2023	6 P	2023-07-1: DADAVIS	01675031
SUBSEQUENT VOUCHER ACCRU		2023	6 P	2023-06-0: JHU	01668615
SUBSEQUENT VOUCHER ACCRU		2023	6 P	2023-06-0: JHU	01668520
SUBSEQUENT VOUCHER ACCRU		2023	5 P	2023-06-0: DADAVIS	01668615
SUBSEQUENT VOUCHER ACCRU		2023	5 P	2023-06-0: DADAVIS	01668520
Expense Journal	PFAS	2020	11 P	2020-11-3: OPERATOR	000015102
Expense Journal	PFAS	2020	11 P	2020-11-3: OPERATOR	000015102
Expense Journal	PFAS	2020	11 P	2020-11-3: OPERATOR	000015102
Expense Journal		2020	6 P	2020-06-0: OPERATOR	000014439
Expense Journal		2020	5 P	2020-05-2: OPERATOR	000014364
Expense Journal		2020	5 P	2020-05-2: OPERATOR	000014364
Expense Journal		2020	5 P	2020-05-2: OPERATOR	000014364
Expense Journal		2021	9 P	2021-09-1: OPERATOR	000016025
Expense Journal		2021	9 P	2021-09-0: OPERATOR	000016150
Expense Journal		2021	9 P	2021-09-0: OPERATOR	000016150
Expense Journal		2021	9 P	2021-09-0: OPERATOR	000016150
Expense Journal		2021	5 P	2021-06-0: OPERATOR	000015758
Expense Journal		2021	5 P	2021-06-0: OPERATOR	000015758
Expense Journal		2021	5 P	2021-06-0: OPERATOR	000015758

Expense Journal	2021	2 P	2021-02-10	OPERATOR 000015371
Expense Journal	2021	2 P	2021-02-10	OPERATOR 000015371
Expense Journal	2022	11 P	2022-11-10	OPERATOR 000017901
Expense Journal	2022	4 P	2022-04-10	OPERATOR 000016951
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2022	2 P	2022-02-20	OPERATOR 000016765
Expense Journal	2020	5 P	2020-05-20	OPERATOR 000014397
Expense Journal	2020	4 P	2020-04-20	OPERATOR 000014217
AP Vouchers	2020	8 P	2020-08-20	OPERATOR 01476008
Expense Journal	2019	2 P	2019-02-20	OPERATOR 000012158
Accrue Unmatched PO Receipts	2023	5 P	2023-05-01	OPERATOR 000049543
Accrue Unmatched PO Receipts	2023	4 P	2023-05-01	OPERATOR 000049543
Expense Journal	2023	10 P	2023-10-20	OPERATOR 000019413
AP MONTH END ACCRUAL - AP UN	2023	1 P	2023-01-01	TSCANLON 01632630
AP MONTH END ACCRUAL - AP UN	2023	10 P	2023-10-01	TDING 01683600
AP MONTH END ACCRUAL - AP UN	2023	10 P	2023-10-01	TDING 01683365
AP MONTH END ACCRUAL - AP UN	2023	10 P	2023-10-01	TDING 01683095
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-10-01	DADAVIS 01683600
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-10-01	DADAVIS 01683365
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-10-01	DADAVIS 01683095
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-09-01	JHU 01683600
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-09-01	JHU 01683365
AP MONTH END ACCRUAL - AP UN	2023	9 P	2023-09-01	JHU 01683095
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-09-01	DADAVIS 01683600
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-09-01	DADAVIS 01683365
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-09-01	DADAVIS 01683095
AP MONTH END ACCRUAL - AP UN	2023	8 P	2023-09-01	DADAVIS 01683095
AP MONTH END ACCRUAL - AP UN	2023	4 P	2023-04-01	TDING 01654030
AP MONTH END ACCRUAL - AP UN	2023	4 P	2023-04-01	TDING 01652582
AP MONTH END ACCRUAL - AP UN	2023	3 P	2023-04-01	DADAVIS 01654030
AP MONTH END ACCRUAL - AP UN	2023	3 P	2023-04-01	DADAVIS 01652582
AP Vouchers	2023	10 P	2023-10-10	OPERATOR 01683600
AP Vouchers	2023	10 P	2023-10-10	OPERATOR 01683365
AP Vouchers	2023	10 P	2023-10-10	OPERATOR 01683095
AP Vouchers	2023	5 P	2023-05-10	OPERATOR 01657370
AP Vouchers	2023	5 P	2023-05-10	OPERATOR 01657370
AP Vouchers	2023	5 P	2023-05-10	OPERATOR 01657370
AP Vouchers	2023	4 P	2023-04-20	OPERATOR 01654030
AP Vouchers	2023	4 P	2023-04-20	OPERATOR 01652582

AP Vouchers	2019	3 P	2019-03-2: OPERATOR01379132
AP Vouchers	2019	3 P	2019-03-2: OPERATOR01379104
AP Vouchers	2019	3 P	2019-03-2: OPERATOR01379103
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372683
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372681
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
AP Vouchers	2019	2 P	2019-02-0: OPERATOR01372679
Reclass between accounts	2019	3 P	2019-03-0: TSCANLON
Reclass between accounts	2019	2 P	2019-03-0: SZHU
Expense Journal	2020	4 P	2020-04-2: OPERATOR000014028
Inventory Reserve 11-2020	2020	11 P	2020-12-0: SZHU
Inventory Reserve 10-2020	2020	10 P	2020-11-0: SZHU
Inventory Reserve 09-2020	2020	9 P	2020-10-0: SZHU
Inventory Reserve 08-2020	2020	8 P	2020-09-0: SZHU
Inventory Reserve 06-2020	2020	6 P	2020-07-0: SZHU
Inventory Reserve 05-2020	2020	5 P	2020-06-0: SZHU
Inventory Reserve 04-2020	2020	4 P	2020-05-0: SZHU
Inventory Reserve 02-2020	2020	2 P	2020-03-0: SZHU
Inventory Reserve 01-2020	2020	1 P	2020-02-0: SZHU
Clear Escheated Checks sitting	2020	9 P	2020-09-2: DADAVIS EXPN 8183
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR000041130
Accrue Unmatched PO Receipts	2020	12 P	2021-01-0: OPERATOR000041129



Accrue Unmatched PO Receipts	2020	3 P	2020-03-0: OPERATOR 000037553
Accrue Unmatched PC BLKMCA	2020	2 P	2020-03-0: OPERATOR 000037557
Accrue Unmatched PO Receipts	2020	2 P	2020-03-0: OPERATOR 000037553
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037822
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037822
Accrue Unmatched PC BLKMCA	2020	2 P	2020-02-1: OPERATOR 000037557
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037553
Accrue Unmatched PO Receipts	2020	2 P	2020-02-1: OPERATOR 000037311
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037822
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037822
Accrue Unmatched PC BLKMCA	2020	1 P	2020-02-1: OPERATOR 000037557
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037553
Accrue Unmatched PO Receipts	2020	1 P	2020-02-1: OPERATOR 000037311
Accrue Unmatched PC BLKMCA	2020	1 P	2020-01-0: OPERATOR 000037557
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000037553
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000037494
Accrue Unmatched PO Receipts	2020	1 P	2020-01-0: OPERATOR 000037311
Inventory Transactions	2020	12 P	2020-12-2: OPERATOR INV
Inventory Transactions	2020	7 P	2020-08-0: OPERATOR INV
Inventory Transactions	2020	4 P	2020-05-0: OPERATOR INV
Inventory Transactions	2020	3 P	2020-04-0: OPERATOR INV
Expense Journal	2020	12 P	2020-12-2: OPERATOR 000015212
Expense Journal	2020	11 P	2020-12-0: OPERATOR 000015033
Expense Journal	2020	10 P	2020-11-0: OPERATOR 000014909
Expense Journal	2020	10 P	2020-11-0: OPERATOR 000014909
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014846
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014838
Expense Journal	2020	9 P	2020-09-1: OPERATOR 000014833
Expense Journal	2020	9 P	2020-09-0: OPERATOR 000014764
Expense Journal	2020	8 P	2020-08-2: OPERATOR 000014744
Expense Journal	2020	8 P	2020-08-1: OPERATOR 000014728
Expense Journal	2020	8 P	2020-08-1: OPERATOR 000014728
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014548
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014548
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014548
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014701
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014701
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014701
Expense Journal	2020	8 P	2020-08-0: OPERATOR 000014678
Expense Journal	2020	7 P	2020-07-1: OPERATOR 000014422
Expense Journal	2020	7 P	2020-07-1: OPERATOR 000014404
Expense Journal	2020	6 P	2020-06-2: OPERATOR 000014518
Expense Journal	2020	6 P	2020-06-2: OPERATOR 000014452
Expense Journal	2020	6 P	2020-06-1: OPERATOR 000014500

Expense Journal	2020	6 P	2020-06-01	OPERATOR 000014446
Expense Journal	2020	6 P	2020-06-01	OPERATOR 000014442
Expense Journal	2020	6 P	2020-06-01	OPERATOR 000014422
Expense Journal	2020	5 P	2020-05-21	OPERATOR 000014325
Expense Journal	2020	5 P	2020-05-21	OPERATOR 000014325
Expense Journal	2020	5 P	2020-05-21	OPERATOR 000014325
Expense Journal	2020	4 P	2020-04-21	OPERATOR 000013608
Expense Journal	2020	4 P	2020-04-01	OPERATOR 000014141
Expense Journal	2020	3 P	2020-03-31	OPERATOR 000014136
Expense Journal	2020	3 P	2020-03-11	OPERATOR 000013925
Expense Journal	2020	3 P	2020-03-01	OPERATOR 000013889
Expense Journal	2020	3 P	2020-03-01	OPERATOR 000013839
Expense Journal	2020	3 P	2020-03-01	OPERATOR 000013839
Expense Journal	2020	1 P	2020-01-21	OPERATOR 000013804
Expense Journal	2020	1 P	2020-01-21	OPERATOR 000013669
AP MONTH END ACCRUAL - AP UN	2020	12 P	2021-01-01	DADAVIS 01499249
AP MONTH END ACCRUAL - AP UN	2020	12 P	2021-01-01	DADAVIS 01498008
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01430173
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01430169
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01430162
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01426441
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01426261
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01426250
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01427302
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-01-01	JHU 01422237
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-01	JHU 01492726
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-01	JHU 01492723
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-01	JHU 01486023
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-01	JHU 01486021
AP MONTH END ACCRUAL - AP UN	2020	12 P	2020-12-01	JHU 01483294
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-12-01	DADAVIS 01492726
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-12-01	DADAVIS 01492723
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-12-01	DADAVIS 01486023
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-12-01	DADAVIS 01486021
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-12-01	DADAVIS 01483294
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01485162
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01484639
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01487923
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01486023
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01486021
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01485626
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01483294
AP MONTH END ACCRUAL - AP UN	2020	11 P	2020-11-01	TDRAKE 01483292
AP MONTH END ACCR WILDFI	2020	11 P	2020-11-01	TDRAKE 01487901

AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01485162
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01484639
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01487923
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01486023
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01486021
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01485626
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01483294
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-11-01	DADAVIS	01483292
AP MONTH END ACCR WILDFI	2020	10 P	2020-11-01	DADAVIS	01487901
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-10-01	TDING	01479927
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-10-01	TDING	01483294
AP MONTH END ACCRUAL - AP UN	2020	10 P	2020-10-01	TDING	01481201
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-10-01	DADAVIS	01479927
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-10-01	DADAVIS	01483294
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-10-01	DADAVIS	01481201
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01472767
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01475923
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01475056
AP MONTH END ACCRUAL - AP UN	2020	9 P	2020-09-01	JHU	01476864
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-09-01	DADAVIS	01472767
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-09-01	DADAVIS	01475923
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-09-01	DADAVIS	01475056
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-09-01	DADAVIS	01476864
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-01	JHU	01430173
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-01	JHU	01430169
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-01	JHU	01426441
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-01	JHU	01426261
AP MONTH END ACCRUAL - AP UN	2020	8 P	2020-08-01	JHU	01463266
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01430173
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01430169
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01426441
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01426261
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-08-01	DADAVIS	01463266
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01430173
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01430169
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01426441
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01426261
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01463266
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01461989
AP MONTH END ACCRUAL - AP UN	2020	7 P	2020-07-01	TDING	01455894
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01430173
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01430169
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01426441
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01426261



AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01463266
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01461989
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-07-01	DADAVIS	01455894
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01458744
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01458742
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01458741
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01453158
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01453157
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01453156
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01447902
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01447901
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01447900
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01444649
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01444648
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01444647
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01440526
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01440524
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01440477
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01430173
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01430169
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01426441
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01426261
AP MONTH END ACCRUAL - AP UN	2020	6 P	2020-06-01	JHU	01455511
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01458744
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01458742
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01458741
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01453158
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01453157
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01453156
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01447902
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01447901
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01447900
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01444649
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01444648
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01444647
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01440526
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01440524
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01440477
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01430173
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01430169
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01426441
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01426261
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-06-01	DADAVIS	01455511
AP MONTH END ACCRUAL - AP UN	2020	5 P	2020-05-01	TDING	01453158



AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01430173
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01430169
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01426441
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01426261
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01432982
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01427302
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01422237
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01447307
AP MONTH END ACCRUAL - AP UN	2020	4 P	2020-04-0!	TDING	01446055
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01447902
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01447901
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01447900
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01444649
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01444648
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01444647
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01440526
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01440524
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01440477
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01430173
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01430169
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01426441
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01426261
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01432982
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01427302
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01422237
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01447307
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-04-0!	DADAVIS	01446055
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01440526
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01440524
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01440477
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01434949
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01434947
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01434944
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01430173
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01430169
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01430162
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01426441
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01426261
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01426250
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01432982
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01427302
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01422237
AP MONTH END ACCRUAL - AP UN	2020	3 P	2020-03-0!	JHU	01434780
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-0!	DADAVIS	01440526

AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01440524
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01440477
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01434949
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01434947
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01434944
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01430173
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01430169
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01430162
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01426441
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01426261
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01426250
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01432982
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01427302
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01422237
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-03-01	DADAVIS	01434780
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01434949
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01434947
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01434944
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01434780
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01432982
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01430173
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01430169
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01430162
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01427302
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01426441
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01426261
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01426250
AP MONTH END ACCRUAL - AP UN	2020	2 P	2020-02-01	JHU	01422237
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01434949
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01434947
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01434944
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01434780
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01432982
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01430173
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01430169
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01430162
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01427302
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01426441
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01426261
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01426250
AP MONTH END ACCRUAL - AP UN	2020	1 P	2020-02-01	DADAVIS	01422237
AP Vouchers	2020	12 P	2020-12-31	OPERATOR	01500644
AP Vouchers	2020	12 P	2020-12-31	OPERATOR	01500643
AP Vouchers	2020	12 P	2020-12-31	OPERATOR	01500642

AP Vouchers		2020	12 P	2020-12-21 OPERATOR01499900
AP Vouchers		2020	12 P	2020-12-21 OPERATOR01499899
AP Vouchers		2020	12 P	2020-12-21 OPERATOR01499896
AP Vouchers		2020	12 P	2020-12-21 OPERATOR01499893
AP Vouchers		2020	12 P	2021-01-01 OPERATOR01492726
AP Vouchers		2020	12 P	2021-01-01 OPERATOR01492723
AP Vouchers		2020	12 P	2021-01-01 OPERATOR01486023
AP Vouchers		2020	12 P	2021-01-01 OPERATOR01486021
AP Vouchers		2020	12 P	2020-12-11 OPERATOR01496935
AP Vouchers		2020	12 P	2020-12-11 OPERATOR01496934
AP Vouchers		2020	12 P	2020-12-11 OPERATOR01496933
AP Vouchers		2020	12 P	2020-12-11 OPERATOR01496932
AP Vouchers		2020	12 P	2020-12-11 OPERATOR01496929
AP Vouchers		2020	12 P	2020-12-11 OPERATOR01483294
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495583
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495582
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495581
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495580
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495150
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495149
AP Vouchers		2020	12 P	2020-12-01 OPERATOR01495146
AP Vouchers	WILDFI	2020	11 P	2020-11-11 OPERATOR01490417
AP Vouchers	WILDFI	2020	11 P	2020-11-11 OPERATOR01487901
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01485626
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01483292
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01491687
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01491686
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01491685
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01491684
AP Vouchers		2020	11 P	2020-11-11 OPERATOR01491681
AP Vouchers		2020	11 P	2020-11-01 OPERATOR01487923
AP Vouchers		2020	11 P	2020-11-01 OPERATOR01484639
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488922
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488920
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488919
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488918
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488915
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488914
AP Vouchers		2020	10 P	2020-10-21 OPERATOR01488913
AP Vouchers	WILDFI	2020	10 P	2020-10-21 OPERATOR01485411
AP Vouchers		2020	10 P	2020-10-11 OPERATOR01485971
AP Vouchers		2020	10 P	2020-10-11 OPERATOR01485970
AP Vouchers		2020	10 P	2020-10-01 OPERATOR01485058
AP Vouchers		2020	10 P	2020-10-01 OPERATOR01485057

AP Vouchers		2020	10 P	2020-10-0: OPERATOR01485056
AP Vouchers		2020	10 P	2020-10-0: OPERATOR01481201
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01483187
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01483186
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01483184
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01480812
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01469708
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01469707
AP Vouchers		2020	9 P	2020-09-3: OPERATOR01469706
AP Vouchers		2020	9 P	2020-09-2: OPERATOR01481875
AP Vouchers		2020	9 P	2020-09-2: OPERATOR01481874
AP Vouchers		2020	9 P	2020-09-2: OPERATOR01481873
AP Vouchers		2020	9 P	2020-09-2: OPERATOR01481872
AP Vouchers		2020	9 P	2020-09-2: OPERATOR01481141
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01479947
AP Vouchers		2020	9 P	2020-09-1: OPERATOR01475056
AP Vouchers		2020	9 P	2020-09-0: OPERATOR01478992
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AP Vouchers		2020	9 P	2020-09-0: OPERATOR01478989
AP Vouchers		2020	9 P	2020-09-0: OPERATOR01478986
AP Vouchers		2020	9 P	2020-09-0: OPERATOR01477815
AP Vouchers	WILDFI	2020	9 P	2020-09-0: OPERATOR01477778
AP Vouchers		2020	9 P	2020-09-0: OPERATOR01476864
AP Vouchers		2020	9 P	2020-09-0: OPERATOR01475923
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01476434
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01476433
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01476432
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01476430
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01476429
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01476427
AP Vouchers		2020	8 P	2020-08-2: OPERATOR01475626
AP Vouchers		2020	8 P	2020-08-1: OPERATOR01463266
AP Vouchers		2020	8 P	2020-08-3: OPERATOR01473653
AP Vouchers		2020	8 P	2020-08-3: OPERATOR01473652
AP Vouchers		2020	8 P	2020-08-3: OPERATOR01473651
AP Vouchers		2020	8 P	2020-08-3: OPERATOR01473650
AP Vouchers		2020	8 P	2020-08-3: OPERATOR01473647
AP Vouchers		2020	8 P	2020-08-1: OPERATOR01472438
AP Vouchers		2020	8 P	2020-08-1: OPERATOR01471929
AP Vouchers		2020	8 P	2020-08-1: OPERATOR01470969
AP Vouchers		2020	8 P	2020-08-1: OPERATOR01470791
AP Vouchers		2020	8 P	2020-08-0: OPERATOR01470782
AP Vouchers		2020	7 P	2020-07-2: OPERATOR01470724

AP Vouchers		2020	7 P	2020-07-2 OPERATOR01470722
AP Vouchers		2020	7 P	2020-07-2 OPERATOR01470721
AP Vouchers		2020	7 P	2020-07-2 OPERATOR01470720
AP Vouchers		2020	7 P	2020-07-2 OPERATOR01470717
AP Vouchers		2020	7 P	2020-07-2 OPERATOR01470716
AP Vouchers		2020	7 P	2020-07-2 OPERATOR01470715
AP Vouchers		2020	7 P	2020-07-2 OPERATOR01455894
AP Vouchers		2020	7 P	2020-07-1 OPERATOR01468064
AP Vouchers		2020	7 P	2020-07-1 OPERATOR01468063
AP Vouchers		2020	7 P	2020-08-0 OPERATOR01461989
AP Vouchers		2020	7 P	2020-08-0 OPERATOR01461989
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01466814
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01466813
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01466812
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01466035
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01465754
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01465753
AP Vouchers		2020	7 P	2020-07-0 OPERATOR01465750
AP Vouchers		2020	6 P	2020-06-2 OPERATOR01464024
AP Vouchers		2020	6 P	2020-06-2 OPERATOR01464023
AP Vouchers		2020	6 P	2020-06-2 OPERATOR01464022
AP Vouchers		2020	6 P	2020-06-2 OPERATOR01464021
AP Vouchers	WILDFI	2020	6 P	2020-06-2 OPERATOR01463649
AP Vouchers	WILDFI	2020	6 P	2020-06-2 OPERATOR01463367
AP Vouchers		2020	6 P	2020-06-1 OPERATOR01461757
AP Vouchers		2020	6 P	2020-06-1 OPERATOR01461429
AP Vouchers		2020	6 P	2020-06-1 OPERATOR01461428
AP Vouchers		2020	6 P	2020-06-1 OPERATOR01461427
AP Vouchers		2020	6 P	2020-06-1 OPERATOR01461426
AP Vouchers		2020	6 P	2020-06-1 OPERATOR01461423
AP Vouchers		2020	6 P	2020-06-0 OPERATOR01460131
AP Vouchers		2020	6 P	2020-06-0 OPERATOR01460129
AP Vouchers		2020	5 P	2020-05-2 OPERATOR01458369
AP Vouchers		2020	5 P	2020-05-2 OPERATOR01458368
AP Vouchers		2020	5 P	2020-05-2 OPERATOR01458367
AP Vouchers		2020	5 P	2020-05-2 OPERATOR01458365
AP Vouchers		2020	5 P	2020-05-2 OPERATOR01458364
AP Vouchers		2020	5 P	2020-05-1 OPERATOR01456347
AP Vouchers		2020	5 P	2020-05-1 OPERATOR01456346
AP Vouchers		2020	5 P	2020-05-0 OPERATOR01455095
AP Vouchers		2020	5 P	2020-05-0 OPERATOR01455094
AP Vouchers		2020	5 P	2020-05-0 OPERATOR01455093
AP Vouchers		2020	4 P	2020-04-3 OPERATOR01453651
AP Vouchers		2020	4 P	2020-04-3 OPERATOR01453650

AP Vouchers	2020	4 P	2020-04-30: OPERATOR01453647
AP Vouchers	2020	4 P	2020-04-29: OPERATOR01450272
AP Vouchers	2020	4 P	2020-04-29: OPERATOR01452104
AP Vouchers	2020	4 P	2020-04-29: OPERATOR01452103
AP Vouchers	2020	4 P	2020-04-29: OPERATOR01452102
AP Vouchers	2020	4 P	2020-04-29: OPERATOR01452100
AP Vouchers	2020	4 P	2020-04-19: OPERATOR01448995
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01449978
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01449977
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01449976
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01449975
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01449972
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01448958
AP Vouchers	2020	4 P	2020-04-09: OPERATOR01448734
AP Vouchers	2020	3 P	2020-03-31: OPERATOR01426250
AP Vouchers	2020	3 P	2020-03-29: OPERATOR01447135
AP Vouchers	2020	3 P	2020-03-29: OPERATOR01447134
AP Vouchers	2020	3 P	2020-03-29: OPERATOR01447133
AP Vouchers	2020	3 P	2020-03-29: OPERATOR01447130
AP Vouchers	2020	3 P	2020-03-29: OPERATOR01447129
AP Vouchers	2020	3 P	2020-03-29: OPERATOR01447128
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01434949
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01434947
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01434944
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01430162
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01444380
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01444379
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01444378
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01444377
AP Vouchers	2020	3 P	2020-03-19: OPERATOR01444374
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441778
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441776
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441775
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441774
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441771
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441770
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01441769
AP Vouchers	2020	2 P	2020-02-29: OPERATOR01434779
AP Vouchers	2020	2 P	2020-02-19: OPERATOR01439763
AP Vouchers	2020	2 P	2020-02-19: OPERATOR01439755
AP Vouchers	2020	2 P	2020-02-19: OPERATOR01439748
AP Vouchers	2020	2 P	2020-02-19: OPERATOR01439316
AP Vouchers	2020	2 P	2020-02-19: OPERATOR01439315
AP Vouchers	2020	2 P	2020-02-09: OPERATOR01437993



AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437992
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437991
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437990
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437397
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437396
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437395
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437392
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437391
AP Vouchers	2020	2 P	2020-02-01	OPERATOR01437390
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01434154
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01434153
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01434152
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01434151
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01434149
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01429203
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01433491
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01433490
AP Vouchers	2020	1 P	2020-01-11	OPERATOR01433489
AP Vouchers	2020	1 P	2020-01-01	OPERATOR01432214
AP Vouchers	2020	1 P	2020-01-01	OPERATOR01432213
AP Vouchers	2020	1 P	2020-01-01	OPERATOR01432212
AP Vouchers	2020	1 P	2020-01-01	OPERATOR01432211
AC_EST - JUN.2020	2020	7 P	2020-07-01	JHU
AC_EST - JUN.2020	2020	6 P	2020-07-01	DADAVIS
AC_EST - MAY.2020	2020	6 P	2020-06-01	JHU
AC_EST - MAY.2020	2020	5 P	2020-06-01	DADAVIS
AC_EST - APR.2020	2020	5 P	2020-05-01	TDING
AC_EST - APR.2020	2020	4 P	2020-05-01	DADAVIS
AC_EST -- MAR.2020	2020	4 P	2020-04-01	JHU
AC_EST -- MAR.2020	2020	3 P	2020-04-01	DADAVIS
AC_EST -- FEB.2020	2020	3 P	2020-03-01	JHU
AC_EST -- FEB.2020	2020	2 P	2020-03-01	DADAVIS
AC_EST - JAN.2020	2020	2 P	2020-02-01	JHU
AC_EST - JAN.2020	2020	1 P	2020-02-01	DADAVIS
AC_EST - DEC.2019	2020	1 P	2020-01-01	JHU
Reclass between accounts	2020	9 P	2020-09-01	TSCANLON
Reclass between accounts	2020	8 P	2020-09-01	SZHU
SUBSEQUENT VOUCH WILDFI	2020	9 P	2020-09-11	JHU 01477778
SUBSEQUENT VOUCH WILDFI	2020	8 P	2020-09-11	DADAVIS 01477778
SUBSEQUENT VOUCHER ACCRU	2020	8 P	2020-08-11	JHU 01471929
SUBSEQUENT VOUCHER ACCRU	2020	7 P	2020-08-11	DADAVIS 01471929
Non-MCBA Power(PGE & SCE Invo	2020	12 P	2021-01-11	GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	12 P	2020-12-11	TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	11 P	2020-12-11	GCHIPER

Non-MCBA Power(PGE & SCE Invo	2020	11 P	2020-11-01 JHU
Non-MCBA Power(PGE & SCE Invo	2020	10 P	2020-11-01 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	10 P	2020-10-01 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	9 P	2020-10-01 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	9 P	2020-09-01 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	8 P	2020-09-01 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	8 P	2020-08-11 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	7 P	2020-08-11 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	7 P	2020-07-11 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	6 P	2020-07-11 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	6 P	2020-06-11 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	5 P	2020-06-11 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	5 P	2020-05-11 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	4 P	2020-05-11 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	4 P	2020-04-01 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	3 P	2020-04-01 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	3 P	2020-03-11 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	2 P	2020-03-11 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	2 P	2020-02-11 TSCANLON
Non-MCBA Power(PGE & SCE Invo	2020	1 P	2020-02-11 GCHIPER
Non-MCBA Power(PGE & SCE Invo	2020	1 P	2020-01-11 TSCANLON
Record TPC refund payments	2020	4 P	2020-05-01 BTON V#0142625
Expense Journal	2021	8 P	2021-08-31 OPERATOR 000015971
Expense Journal	2022	5 P	2022-05-11 OPERATOR 000017043
Accrue Unmatched PO Receipts	2022	12 P	2023-01-01 OPERATOR 000048331
Accrue Unmatched PO Receipts	2022	12 P	2023-01-01 OPERATOR 000048003
Accrue Unmatched PO Receipts	2022	12 P	2023-01-01 OPERATOR 000047996
Accrue Unmatched PO Receipts	2022	12 P	2023-01-01 OPERATOR 000046173
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000048076
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000048051
Accrue Unmatched PC A06CPT	2022	12 P	2022-12-01 OPERATOR 000048037
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000048003
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000047996
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000047951
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000047915
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000047915
Accrue Unmatched PO Receipts	2022	12 P	2022-12-01 OPERATOR 000046173
Accrue Unmatched PO Receipts	2022	11 P	2022-12-01 OPERATOR 000048076
Accrue Unmatched PO Receipts	2022	11 P	2022-12-01 OPERATOR 000048051
Accrue Unmatched PC A06CPT	2022	11 P	2022-12-01 OPERATOR 000048037
Accrue Unmatched PO Receipts	2022	11 P	2022-12-01 OPERATOR 000048003
Accrue Unmatched PO Receipts	2022	11 P	2022-12-01 OPERATOR 000047996
Accrue Unmatched PO Receipts	2022	11 P	2022-12-01 OPERATOR 000047951
Accrue Unmatched PO Receipts	2022	11 P	2022-12-01 OPERATOR 000047915



Accrue Unmatched PO Receipts	2022	4 P	2022-04-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	3 P	2022-04-0: OPERATOR 000045622
Accrue Unmatched PO Receipts	2022	3 P	2022-04-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	3 P	2022-04-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	3 P	2022-03-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	3 P	2022-03-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	3 P	2022-03-0: OPERATOR 000045223
Accrue Unmatched PO Receipts	2022	3 P	2022-03-0: OPERATOR 000045223
Accrue Unmatched PO Receipts	2022	3 P	2022-03-0: OPERATOR 000045223
Accrue Unmatched PO Receipts	2022	3 P	2022-03-0: OPERATOR 000045138
Accrue Unmatched PO Receipts	2022	2 P	2022-03-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	2 P	2022-03-0: OPERATOR 000045307
Accrue Unmatched PO Receipts	2022	2 P	2022-03-0: OPERATOR 000045223
Accrue Unmatched PO Receipts	2022	2 P	2022-03-0: OPERATOR 000045223
Accrue Unmatched PO Receipts	2022	2 P	2022-03-0: OPERATOR 000045223
Accrue Unmatched PO Receipts	2022	2 P	2022-03-0: OPERATOR 000045138
Accrue Unmatched PO Receipts	2022	2 P	2022-02-0: OPERATOR 000045069
Accrue Unmatched PO Receipts	2022	2 P	2022-02-0: OPERATOR 000045050
Accrue Unmatched PO Receipts	2022	2 P	2022-02-0: OPERATOR 000045050
Accrue Unmatched PO Receipts	2022	2 P	2022-02-0: OPERATOR 000045046
Accrue Unmatched PO Receipts	2022	1 P	2022-02-0: OPERATOR 000045069
Accrue Unmatched PO Receipts	2022	1 P	2022-02-0: OPERATOR 000045050
Accrue Unmatched PO Receipts	2022	1 P	2022-02-0: OPERATOR 000045050
Accrue Unmatched PO Receipts	2022	1 P	2022-02-0: OPERATOR 000045046
Inventory Transactions	2022	11 P	2022-11-0: OPERATOR INV
Inventory Transactions	2022	10 P	2022-10-2: OPERATOR INV
Inventory Transactions	2022	9 P	2022-09-0: OPERATOR INV
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BESTBUYC
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BESTBUYC
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BEST BUY
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BEST BUY
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BEST BUY M
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BEST BUY M
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BEST BUY
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- BEST BUY M
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- TARGET
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- THE HOME
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- LOWES #0
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- HARBOR FI
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- WAL-MART
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- LOWES #0
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- LOWES #0
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	12 P	2023-01-0: LBURBACH- JCPENNEY

Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-AMZN MKTI
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-SURF THRL
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-AMZN MKTI
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-LOWES #00
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-WASTE MG
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-COSTCO W
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-REI.COM 8
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-CUSTOM LI
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-MINUTEKE'
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-NELSONS /
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-LOWES #00
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-LOWES #00
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-SURF THRL
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-AMZN MKTI
Monthly pcard accrual	2022	12 P	2023-01-01	LBURBACH-AMZN MKTI
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20210905
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211017
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211112
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211115
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211128
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211102
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211104
Monthly pcard accrual	2022	1 P	2022-01-11	JHU 20211117
Monthly pcard accrual	2022	12 P	2022-12-11	JHU COSTCO W
Monthly pcard accrual	2022	12 P	2022-12-11	JHU NELSONS /
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BESTBUYC
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BESTBUYC
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BEST BUY
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BEST BUY
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BEST BUY M
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BEST BUY M
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BEST BUY
Monthly pcard accrual	2022	12 P	2022-12-11	JHU BEST BUY M
Monthly pcard accrual	2022	12 P	2022-12-11	JHU TARGET
Monthly pcard accrual	2022	12 P	2022-12-11	JHU THE HOME
Monthly pcard accrual	2022	12 P	2022-12-11	JHU LOWES #00
Monthly pcard accrual	2022	12 P	2022-12-11	JHU HARBOR FI
Monthly pcard accrual	2022	12 P	2022-12-11	JHU WAL-MART
Monthly pcard accrual	2022	12 P	2022-12-11	JHU LOWES #00
Monthly pcard accrual	2022	12 P	2022-12-11	JHU SURF THRL
Monthly pcard accrual	2022	12 P	2022-12-11	JHU LOWES #00
Monthly pcard accrual	2022	12 P	2022-12-11	JHU NAPA AUTC
Monthly pcard accrual	2022	12 P	2022-12-11	JHU SERVICEM
Monthly pcard accrual	2022	12 P	2022-12-11	JHU NELSONS /

Monthly pcard accrual	2022	12 P	2022-12-1:JHU	JCPENNEY
Monthly pcard accrual	2022	12 P	2022-12-1:JHU	SURF THRL
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	COSTCO W
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	NELSONS /
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BESTBUYC
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BESTBUYC
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BEST BUY
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BEST BUY
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BEST BUY M
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BEST BUY M
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BEST BUY
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	BEST BUY M
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	TARGET
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	THE HOME
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	LOWES #00
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	HARBOR FI
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	WAL-MART
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	LOWES #00
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	SURF THRL
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	LOWES #00
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	NAPA AUTC
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	SERVICEM/
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	NELSONS /
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	JCPENNEY
Monthly pcard accrual	2022	11 P	2022-12-1:LBURBACH	SURF THRL
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	SQ *ROTA
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	LOWES #00
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	WAL-MART
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	THE HOME
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	LOWES #00
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	TARGET
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY M
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY M
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY M
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BESTBUYC
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BESTBUYC
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	BEST BUY
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	SURF THRL
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	NELSONS /
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	HARBOR FI
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	COSTCO W
Monthly pcard accrual	2022	11 P	2022-11-0:JHU	WASTE MG

Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	11 P	2022-11-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	SQ *ROTA
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	LOWES #0
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	WAL-MART
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	THE HOME
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	LOWES #0
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	TARGET
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BEST BUY M
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BEST BUY M
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BEST BUY M
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BEST BUY
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BESTBUYC
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BESTBUYC
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BEST BUY
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	BEST BUY
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	SURF THRL
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	NELSONS /
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	HARBOR FI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	COSTCO W
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	WASTE MG
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-11-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	TARGET
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	COSTCO W
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	GRAINGER
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	LOWES #0
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	JORGENSE
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	WAL-MART
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	NAPA STOF
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	NELSONS /

Monthly pcard accrual	2022	10 P	2022-10-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	AMZN MKTI
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	WASTE MG
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	SMART ANI
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	COSTCO W
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	NELSONS /
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	MISCOWAT
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	NELSONS /
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BESTBUYC
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BESTBUYC
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BEST BUY
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BEST BUY
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BEST BUY M
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BEST BUY M
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BEST BUY M
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	BEST BUY
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	TARGET
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	COSTCO W
Monthly pcard accrual	2022	10 P	2022-10-0	JHU	NELSONS /
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	TARGET
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	COSTCO W
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	GRAINGER
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	LOWES #0
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	JORGENSE
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	WAL-MART
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	NAPA STOF
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	NELSONS /
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	WASTE MG
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	SMART ANI
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	COSTCO W
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	NELSONS /
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	MISCOWAT
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	NELSONS /
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BESTBUYC
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BESTBUYC
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BEST BUY
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BEST BUY
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BEST BUY M
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BEST BUY M
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BEST BUY M
Monthly pcard accrual	2022	9 P	2022-10-0	LBURBACH	BEST BUY



Monthly pcard accrual	2022	9 P	2022-10-01	LBURBACH	TARGET
Monthly pcard accrual	2022	9 P	2022-10-01	LBURBACH	COSTCO WA
Monthly pcard accrual	2022	9 P	2022-10-01	LBURBACH	NELSONS /
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	COSTCO WA
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	THE HOME
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	LOWES #01
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	NAPA STOF
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	JORGENSE
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	LOWES #02
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	COSTCO WA
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	TARGET
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	BEST BUY
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	AMZN MKTI
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	WASTE MG
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	AMZN MKTI
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	NELSONS /
Monthly pcard accrual	2022	9 P	2022-09-01	JHU	AMZN MKTI
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	COSTCO WA
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	THE HOME
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	LOWES #01
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	NAPA STOF
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	JORGENSE
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	LOWES #02
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	COSTCO WA
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	TARGET
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	BEST BUY
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	WASTE MG
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	NELSONS /
Monthly pcard accrual	2022	8 P	2022-09-01	LBURBACH	AMZN MKTI
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220425
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220428
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220429
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220502
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220504
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220510
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220515
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220614
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220617
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220620
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220419
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220505
Monthly pcard accrual	2022	8 P	2022-08-11	JHU	20220510



















Monthly pcard accrual	2022	4 P	2022-04-1: JHU	CITY OF VI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	TARGET
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	TARGET
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	THE HOME
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	TARGET
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	OFFICEMA
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	THE HOME
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	TARGET
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	USA BLUE I
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMAZON.C
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AUTOPAY/I
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AUTOPAY/I
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AUTOPAY/I
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	NELSONS /
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	LOWES #0:
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	THE HOME
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	RED WING
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	JCPENNEY
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	WASTE MG
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	KIMBERLIT
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	SURF THRL
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	O'REILLY A
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	SURF THRL
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	SURF THRL
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	SURF THRL
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	NELSONS /
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	AMZN MKTI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	SHANNON
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	NELSONS /
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	76 - SEI 3
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	NELSONS /
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	NAPA AUTC
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	HARBOR FI
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	76 - SEI 3
Monthly pcard accrual	2022	4 P	2022-04-1: JHU	NELSONS /

Monthly pcard accrual	2022	4 P	2022-04-1: JHU NELSONS /
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- CITY OF VI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- TARGET
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- TARGET
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- THE HOME
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- TARGET
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- OFFICEMA
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- THE HOME
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- TARGET
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- USA BLUE I
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMAZON.C
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AUTOPAY/I
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AUTOPAY/I
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AUTOPAY/I
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NELSONS /
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- LOWES #0:
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- THE HOME
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- RED WING
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- JCPENNEY
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- WASTE MG
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- KIMBERLIT
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- SURF THRL
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- O'REILLY A
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- SURF THRL
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- SURF THRL
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- SURF THRL
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NELSONS /
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- AMZN MKTI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- SHANNON
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NELSONS /
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- 76 - SEI 3
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NELSONS /

Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NAPA AUTC
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- HARBOR FI
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- 76 - SEI 3
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NELSONS /
Monthly pcard accrual	2022	3 P	2022-04-1: LBURBACH- NELSONS /
Monthly pcard accrual	2022	3 P	2022-03-0: JHU GUTIERREZ
Monthly pcard accrual	2022	3 P	2022-03-0: JHU GUTIERREZ
Monthly pcard accrual	2022	3 P	2022-03-0: JHU MIRANDA, F
Monthly pcard accrual	2022	3 P	2022-03-0: JHU GUTIERREZ
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU MIRANDA, F
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU SKOGLUND
Monthly pcard accrual	2022	3 P	2022-03-0: JHU SKOGLUND
Monthly pcard accrual	2022	3 P	2022-03-0: JHU SKOGLUND
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	3 P	2022-03-0: JHU SKOGLUND
Monthly pcard accrual	2022	3 P	2022-03-0: JHU MIRANDA, F
Monthly pcard accrual	2022	3 P	2022-03-0: JHU TIM ERICKS
Monthly pcard accrual	2022	3 P	2022-03-0: JHU MIRANDA, F
Monthly pcard accrual	2022	3 P	2022-03-0: JHU TIM ERICKS
Monthly pcard accrual	2022	3 P	2022-03-0: JHU SOLORIO, C
Monthly pcard accrual	2022	3 P	2022-03-0: JHU MIRANDA, F
Monthly pcard accrual	2022	3 P	2022-03-0: JHU MIRANDA, F
Monthly pcard accrual	2022	3 P	2022-03-0: JHU SKOGLUND
Monthly pcard accrual	2022	3 P	2022-03-0: JHU ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- GUTIERREZ
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- GUTIERREZ
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- MIRANDA, F
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- GUTIERREZ
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- MIRANDA, F
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- ALLISON S
Monthly pcard accrual	2022	2 P	2022-03-0: LBURBACH- SKOGLUND



Monthly pcard accrual	2022	1 P	2022-02-01 LBURBACH MIRANDA,F
Monthly pcard accrual	2022	1 P	2022-02-01 LBURBACH ALLISON S
Monthly pcard accrual	2022	1 P	2022-02-01 LBURBACH SOLORIO,C
Monthly pcard accrual	2022	1 P	2022-02-01 LBURBACH ALLISON S
Monthly pcard accrual	2022	1 P	2022-02-01 LBURBACH SKOGLUND
Expense Journal	2022	11 P	2022-11-11 OPERATOR 000017831
Expense Journal	2022	11 P	2022-11-11 OPERATOR 000017831
Expense Journal	2022	11 P	2022-11-11 OPERATOR 000017831
Expense Journal	2022	11 P	2022-11-11 OPERATOR 000017831
Expense Journal	2022	11 P	2022-11-11 OPERATOR 000017831
Expense Journal	2022	11 P	2022-11-11 OPERATOR 000017831
Expense Journal	2022	10 P	2022-10-21 OPERATOR 000017777
Expense Journal	2022	10 P	2022-10-21 OPERATOR 000017452
Expense Journal	2022	10 P	2022-10-21 OPERATOR 000017452
Expense Journal	2022	10 P	2022-10-21 OPERATOR 000017452
Expense Journal	2022	10 P	2022-10-21 OPERATOR 000017452
Expense Journal	2022	10 P	2022-10-21 OPERATOR 000017452
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	9 P	2022-09-21 OPERATOR 000017656
Expense Journal	2022	8 P	2022-09-01 OPERATOR 000017549
Expense Journal	2022	8 P	2022-09-01 OPERATOR 000017549
Expense Journal	2022	8 P	2022-08-21 OPERATOR 000017236
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017470
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017470
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017470
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017468
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017468
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017468
Expense Journal	2022	8 P	2022-08-11 OPERATOR 000017468
Expense Journal	2022	8 P	2022-08-01 OPERATOR 000017140
Expense Journal	2022	8 P	2022-08-01 OPERATOR 000017140
Expense Journal	2022	8 P	2022-08-01 OPERATOR 000017140
Expense Journal	2022	8 P	2022-08-01 OPERATOR 000017140
Expense Journal	2022	8 P	2022-08-01 OPERATOR 000017140
Expense Journal	2022	7 P	2022-07-01 OPERATOR 000017336
Expense Journal	2022	7 P	2022-07-01 OPERATOR 000017336
Expense Journal	2022	7 P	2022-07-01 OPERATOR 000017336



Expense Journal	2022	4 P	2022-04-2: OPERATOR 000016954
Expense Journal	2022	4 P	2022-04-2: OPERATOR 000016954
Expense Journal	2022	4 P	2022-04-2: OPERATOR 000016755
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016957
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016957
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016957
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016956
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016956
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016956
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016956
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016956
Expense Journal	2022	4 P	2022-04-1: OPERATOR 000016873
Expense Journal	2022	3 P	2022-03-2: OPERATOR 000016859
Expense Journal	2022	3 P	2022-03-0: OPERATOR 000016786
Expense Journal	2022	2 P	2022-02-1: OPERATOR 000016701
Expense Journal	2022	2 P	2022-02-0: OPERATOR 000016677
Expense Journal	2022	2 P	2022-02-0: OPERATOR 000016677
AR Direct Cash Journal	2022	7 P	2022-07-2: OPERATOR
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01622602
AP MONTH END ACCRUAL - AP UN	2022	12 P	2022-12-0: JHU 01602357
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01622602
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-12-0: DADAVIS 01602357
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01622602
AP MONTH END ACCRUAL - AP UN	2022	11 P	2022-11-0: JHU 01602357
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-11-0: DADAVIS 01622602
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-11-0: DADAVIS 01602357
AP MONTH END ACCRUAL - AP UN	2022	10 P	2022-10-0: JHU 01602357
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-10-0: DADAVIS 01602357
AP MONTH END ACCRUAL - AP UN	2022	9 P	2022-09-0: JHU 01606277
AP MONTH END ACCRUAL - AP UN	2022	8 P	2022-09-0: DADAVIS 01606277
AP MONTH END ACCRUAL - AP UN	2022	8 P	2022-08-0: JHU 01606277
AP MONTH END ACCRUAL - AP UN	2022	7 P	2022-08-0: DADAVIS 01606277
AP MONTH END ACCRUAL - AP UN	2022	7 P	2022-07-0: JHU 01602357
AP MONTH END ACCRUAL - AP UN	2022	6 P	2022-07-0: DADAVIS 01602357
AP Vouchers	2022	12 P	2022-12-2: OPERATOR 01631110
AP Vouchers	2022	12 P	2022-12-2: OPERATOR 01635524
AP Vouchers	2022	12 P	2022-12-2: OPERATOR 01629345
AP Vouchers	2022	12 P	2022-12-1: OPERATOR 01632099
AP Vouchers	2022	12 P	2022-12-0: OPERATOR 01632462
AP Vouchers	2022	12 P	2022-12-0: OPERATOR 01628955
AP Vouchers	2022	12 P	2022-12-0: OPERATOR 01628933
AP Vouchers	2022	11 P	2022-11-2: OPERATOR 01626899
AP Vouchers	2022	11 P	2022-11-1: OPERATOR 01629764
AP Vouchers	2022	11 P	2022-11-0: OPERATOR 01622597



AP Vouchers	2022	11 P	2022-11-2: OPERATOR01624962
AP Vouchers	2022	10 P	2022-10-0: OPERATOR01620302
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01619388
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01619118
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01615301
AP Vouchers	2022	9 P	2022-09-2: OPERATOR01606277
AP Vouchers	2022	9 P	2022-10-0: OPERATOR01615170
AP Vouchers	2022	9 P	2022-09-0: OPERATOR01615357
AP Vouchers	2022	9 P	2022-09-0: OPERATOR01613702
AP Vouchers	2022	8 P	2022-08-0: OPERATOR01609760
AP Vouchers	2022	8 P	2022-09-0: OPERATOR01608693
AP Vouchers	2022	8 P	2022-09-0: OPERATOR01608693
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607234
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01607091
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01606789
AP Vouchers	2022	7 P	2022-07-2: OPERATOR01606732
AP Vouchers	2022	7 P	2022-08-0: OPERATOR01602907
AP Vouchers	2022	6 P	2022-06-3: OPERATOR01601592
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01597611
AP Vouchers	2022	6 P	2022-06-0: OPERATOR01594582
AP Vouchers	2022	5 P	2022-05-3: OPERATOR01595811
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01595748
AP Vouchers	2022	5 P	2022-05-1: OPERATOR01592129
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592594
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592355
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592355
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592355
AP Vouchers	2022	5 P	2022-05-1: OPERATOR01590681
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01585862
AP Vouchers	2022	4 P	2022-05-0: OPERATOR01585202
AP Vouchers	2022	3 P	2022-03-3: OPERATOR01581294
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01582410
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01583823
AP Vouchers	2022	3 P	2022-03-2: OPERATOR01580437
AP Vouchers	2022	3 P	2022-03-1: OPERATOR01575381
AP Vouchers	2022	3 P	2022-03-1: OPERATOR01575381
AP Vouchers	2022	3 P	2022-03-1: OPERATOR01575381
AP Vouchers	2022	3 P	2022-03-1: OPERATOR01574572
AP Vouchers	2022	3 P	2022-03-0: OPERATOR01580013
AP Vouchers	2022	2 P	2022-02-1: OPERATOR01572207
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01571862
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01571763
AP Vouchers	2022	2 P	2022-02-0: OPERATOR01571760
AP Vouchers	2022	1 P	2022-01-1: OPERATOR01569598

AP Vouchers	2022	1 P	2022-01-1: OPERATOR01568872
AP Vouchers	2022	1 P	2022-01-0: OPERATOR01567943
AC_EST - SEP.2022	2022	10 P	2022-10-0: JHU
AC_EST - SEP.2022	2022	9 P	2022-10-0: DADAVIS
AC_EST - AUG.2022	2022	9 P	2022-09-0: JHU
AC_EST - AUG.2022	2022	8 P	2022-09-0: DADAVIS
AC_EST - JUL.2022	2022	8 P	2022-08-0: JHU
AC_EST - JUL.2022	2022	7 P	2022-08-0: DADAVIS
AC_EST - JUN.2022	2022	7 P	2022-07-0: JHU
AC_EST - JUN.2022	2022	6 P	2022-07-0: DADAVIS
AC_EST - MAY.2022	2022	6 P	2022-06-0: TSCANLON
AC_EST - MAY.2022	2022	5 P	2022-06-0: DADAVIS
AC_EST - APR.2022	2022	5 P	2022-05-0: JHU
AC_EST - APR.2022	2022	4 P	2022-05-0: DADAVIS
AC_EST - MAR.2022	2022	4 P	2022-04-0: JHU
AC_EST - MAR.2022	2022	3 P	2022-04-0: DADAVIS
AP reclasses for Oct 2022	2022	11 P	2022-11-1: TSCANLON 475609
AP reclasses for Oct 2022	2022	11 P	2022-11-1: TSCANLON 1622602
AP reclasses for Oct 2022	2022	11 P	2022-11-1: TSCANLON 1620302
AP reclasses for Oct 2022	2022	10 P	2022-11-1: THTRAN 475609
AP reclasses for Oct 2022	2022	10 P	2022-11-1: THTRAN 1622602
AP reclasses for Oct 2022	2022	10 P	2022-11-1: THTRAN 1620302
AP reclasses for Dec 2022	2022	12 P	2023-01-1: THTRAN 1631104
AP reclasses for Nov 2022	2022	12 P	2022-12-1: TSCANLON 480349
AP reclasses for Nov 2022	2022	12 P	2022-12-1: TSCANLON 480349
AP reclasses for Nov 2: A06CPT	2022	12 P	2022-12-1: TSCANLON 480377
AP reclasses for Nov 2022	2022	12 P	2022-12-1: TSCANLON 1622602
AP reclasses for Nov 2022	2022	12 P	2022-12-1: TSCANLON 1622597
AP reclasses for Nov 2022	2022	11 P	2022-12-1: THTRAN 480349
AP reclasses for Nov 2022	2022	11 P	2022-12-1: THTRAN 480349
AP reclasses for Nov 2: A06CPT	2022	11 P	2022-12-1: THTRAN 480377
AP reclasses for Nov 2022	2022	11 P	2022-12-1: THTRAN 1622602
AP reclasses for Nov 2022	2022	11 P	2022-12-1: THTRAN 1622597
AP reclasses for September 202	2022	10 P	2022-10-1: TSCANLON 474371
AP reclasses for September 202	2022	9 P	2022-10-1: BCHIN 474371
SUBSEQUENT VOUCHER ACCRU#	2022	1 P	2022-01-1: JHU 01568872
SUBSEQUENT VOUCHER ACCRU#	2022	12 P	2022-12-0: JHU 01632462
SUBSEQUENT VOUCHER ACCRU#	2022	11 P	2022-12-0: DADAVIS 01632462
SUBSEQUENT VOUCHER ACCRU#	2022	11 P	2022-11-0: JHU 01626899
SUBSEQUENT VOUCHER ACCRU#	2022	10 P	2022-11-0: DADAVIS 01626899
SUBSEQUENT VOUCHER ACCRU#	2022	9 P	2022-09-0: JHU 01615357
SUBSEQUENT VOUCHER ACCRU#	2022	9 P	2022-09-0: JHU 01615170
SUBSEQUENT VOUCHER ACCRU#	2022	8 P	2022-09-0: DADAVIS 01615357
SUBSEQUENT VOUCHER ACCRU#	2022	8 P	2022-09-0: DADAVIS 01615170

SUBSEQUENT VOUCHER ACCRUAL	2022	7 P	2022-07-01	JHU	01602907
SUBSEQUENT VOUCHER ACCRUAL	2022	6 P	2022-07-01	DADAVIS	01602907
SUBSEQUENT VOUCHER ACCRUAL	2022	6 P	2022-06-01	JHU	01597611
SUBSEQUENT VOUCHER ACCRUAL	2022	5 P	2022-06-01	DADAVIS	01597611
SUBSEQUENT VOUCHER ACCRUAL	2022	5 P	2022-05-01	JHU	01590681
SUBSEQUENT VOUCHER ACCRUAL	2022	4 P	2022-05-01	DADAVIS	01590681
SUBSEQUENT VOUCHER ACCRUAL	2022	4 P	2022-04-01	JHU	01585862
SUBSEQUENT VOUCHER ACCRUAL	2022	3 P	2022-04-01	DADAVIS	01585862
SUBSEQUENT VOUCHER ACCRUAL	2022	3 P	2022-03-01	JHU	01580013
SUBSEQUENT VOUCHER ACCRUAL	2022	2 P	2022-03-01	DADAVIS	01580013
Expense Journal	2020	7 P	2020-07-21	OPERATOR	000014638
Expense Journal	2023	11 P	2023-11-21	OPERATOR	000019629
Expense Journal	2023	9 P	2023-09-21	OPERATOR	000019310
Expense Journal	2023	5 P	2023-05-01	OPERATOR	000018741
Expense Journal	2021	9 P	2021-09-01	OPERATOR	000016133
Expense Journal	2021	8 P	2021-08-21	OPERATOR	000016057
Expense Journal	2021	7 P	2021-07-21	OPERATOR	000015954
Expense Journal	2021	6 P	2021-06-21	OPERATOR	000015879
Expense Journal	2021	6 P	2021-06-21	OPERATOR	000015872
Expense Journal	2021	1 P	2021-01-01	OPERATOR	000015241
AP MONTH END ACCRUAL - AP UN	2021	12 P	2022-01-01	DADAVIS	01562561
AP MONTH END ACCRUAL - AP UN	2021	12 P	2022-01-01	DADAVIS	01562559
AP MONTH END ACCRUAL - AP UN	2021	12 P	2022-01-01	DADAVIS	01562556
AP MONTH END ACCRUAL - AP UN	2021	6 P	2021-06-01	JHU	01522680
AP MONTH END ACCRUAL - AP UN	2021	6 P	2021-06-01	JHU	01522678
AP MONTH END ACCRUAL - AP UN	2021	5 P	2021-06-01	DADAVIS	01522680
AP MONTH END ACCRUAL - AP UN	2021	5 P	2021-06-01	DADAVIS	01522678
AP MONTH END ACCRUAL - AP UN	2021	3 P	2021-03-01	TSCANLON	01509457
AP MONTH END ACCRUAL - AP UN	2021	2 P	2021-03-01	DADAVIS	01509457
AP Vouchers	2021	11 P	2021-11-01	OPERATOR	01556777
AP Vouchers	2021	11 P	2021-11-01	OPERATOR	01556772
AP Vouchers	2021	10 P	2021-10-01	OPERATOR	01551538
AP Vouchers	2021	10 P	2021-10-01	OPERATOR	01551536
AP Vouchers	2021	9 P	2021-09-01	OPERATOR	01545788
AP Vouchers	2021	9 P	2021-09-01	OPERATOR	01545786
AP Vouchers	2021	8 P	2021-08-01	OPERATOR	01540171
AP Vouchers	2021	8 P	2021-08-01	OPERATOR	01540169
AP Vouchers	2021	6 P	2021-06-11	OPERATOR	01528305
AP Vouchers	2021	6 P	2021-06-11	OPERATOR	01528301
AP Vouchers	2021	6 P	2021-06-11	OPERATOR	01522680
AP Vouchers	2021	6 P	2021-06-11	OPERATOR	01522678
AP Vouchers	2021	4 P	2021-04-21	OPERATOR	01516849
AP Vouchers	2021	4 P	2021-04-21	OPERATOR	01516846
AP Vouchers	2021	3 P	2021-03-11	OPERATOR	01514714

AP Manual Closures	2021	3 P	2021-03-1: OPERATOR01509457
AP Vouchers	2021	3 P	2021-03-1: OPERATOR01513398
AP Vouchers	2021	3 P	2021-03-0: OPERATOR01510697
AP Vouchers	2021	3 P	2021-03-0: OPERATOR01510695
AP Vouchers	2021	3 P	2021-03-0: OPERATOR01509457
AP Vouchers	2021	2 P	2021-02-2: OPERATOR01505810
AP Vouchers	2021	1 P	2021-01-0: OPERATOR01501051
AP Vouchers	2021	1 P	2021-01-0: OPERATOR01501049
AC_EST - JUL.2021	2021	8 P	2021-08-0: JHU
AC_EST - JUL.2021	2021	7 P	2021-08-0: DADAVIS
AC_EST - JUN.2021	2021	7 P	2021-07-0: JHU
AC_EST - JUN.2021	2021	6 P	2021-07-0: DADAVIS
AC_EST - MAY.2021	2021	6 P	2021-06-0: JHU
AC_EST - MAY.2021	2021	5 P	2021-06-0: DADAVIS
AC_EST - APR.2021	2021	5 P	2021-05-0: JHU
AC_EST - APR.2021	2021	4 P	2021-05-0: DADAVIS
AC_EST - MAR.2021	2021	4 P	2021-04-0: JHU
AC_EST - MAR.2021	2021	3 P	2021-04-0: DADAVIS
Inv. Res.ADJ.JE	2021	12 P	2022-01-0: BCHUAO
Inv. Res.ADJ.JE	2021	11 P	2021-12-0: BCHUAO
to post inventory reserve for	2021	9 P	2021-10-0: BCHUAO
to post inventory reserve for	2021	8 P	2021-09-1: BCHUAO
Inventory Reserve 6-2021	2021	6 P	2021-07-0: SZHU
Inventory Reserve 05-2021	2021	5 P	2021-06-0: SZHU
Inventory reserve 03-2021	2021	3 P	2021-04-0: SZHU
Inventory reserve 02-2021	2021	2 P	2021-03-0: SZHU
Inventory Reserve 01-2021	2021	1 P	2021-02-0: SZHU
Expense Journal	2019	12 P	2019-12-2: OPERATOR000013710
Expense Journal	2020	12 P	2020-12-1: OPERATOR000015181
Expense Journal	2020	9 P	2020-09-1: OPERATOR000014847
Expense Journal	2020	8 P	2020-08-0: OPERATOR000014681
Expense Journal	2021	12 P	2021-12-2: OPERATOR000016524
Expense Journal	2021	8 P	2021-08-1: OPERATOR000016024
Expense Journal	2022	9 P	2022-09-1: OPERATOR000017612
AP Vouchers	2022	11 P	2022-11-0: OPERATOR01627461
AP Vouchers	2022	11 P	2022-11-2: OPERATOR01627459
AP Vouchers	2022	5 P	2022-05-2: OPERATOR01592191
AP Vouchers	2022	2 P	2022-02-2: OPERATOR01578063
AC_EST - SEP.2022	2022	10 P	2022-10-0: JHU
AC_EST - SEP.2022	2022	9 P	2022-10-0: DADAVIS
AC_EST - AUG.2022	2022	9 P	2022-09-0: JHU
AC_EST - AUG.2022	2022	8 P	2022-09-0: DADAVIS
AC_EST - JUL.2022	2022	8 P	2022-08-0: JHU
AC_EST - JUL.2022	2022	7 P	2022-08-0: DADAVIS

AC_EST - JUN.2022	2022	7 P	2022-07-0	JHU
AC_EST - JUN.2022	2022	6 P	2022-07-0	DADAVIS
AC_EST - MAY.2022	2022	6 P	2022-06-0	TSCANLON
AC_EST - MAY.2022	2022	5 P	2022-06-0	DADAVIS
AC_EST - APR.2022	2022	5 P	2022-05-0	JHU
AC_EST - APR.2022	2022	4 P	2022-05-0	DADAVIS
AC_EST - MAR.2022	2022	4 P	2022-04-0	JHU
AC_EST - MAR.2022	2022	3 P	2022-04-0	DADAVIS
AC_EST - FEB.2022	2022	3 P	2022-03-0	JHU
AC_EST - FEB.2022	2022	2 P	2022-03-0	DADAVIS
SUBSEQUENT VOUCHER ACCRU#	2022	11 P	2022-11-0	JHU 01627461
SUBSEQUENT VOUCHER ACCRU#	2022	11 P	2022-11-0	JHU 01627459
SUBSEQUENT VOUCHER ACCRU#	2022	10 P	2022-11-0	DADAVIS 01627461
SUBSEQUENT VOUCHER ACCRU#	2022	10 P	2022-11-0	DADAVIS 01627459
Inventory Transactions	2021	3 P	2021-03-0	OPERATOR INV
Inventory Transactions	2021	1 P	2021-01-0	OPERATOR INV
Inventory Transactions	2021	5 P	2021-05-2	OPERATOR INV
Inventory Transactions	2021	12 P	2021-12-3	OPERATOR INV
Inventory Transactions	2021	12 P	2021-12-0	OPERATOR INV
Inventory Transactions	2021	12 P	2021-12-0	OPERATOR INV
Inventory Transactions	2021	11 P	2021-11-1	OPERATOR INV
Inventory Transactions	2021	11 P	2021-11-0	OPERATOR INV
Inventory Transactions	2021	9 P	2021-09-2	OPERATOR INV
Inventory Transactions	2021	9 P	2021-09-2	OPERATOR INV
Inventory Transactions	2021	9 P	2021-09-1	OPERATOR INV
Inventory Transactions	2021	9 P	2021-09-1	OPERATOR INV
Inventory Transactions	2021	2 P	2021-02-2	OPERATOR INV
Inventory Transactions	2021	1 P	2021-01-1	OPERATOR INV
Inventory Transactions	2019	12 P	2020-01-0	OPERATOR INV
Inventory Transactions	2019	12 P	2020-01-0	OPERATOR INV
Inventory Transactions	2019	12 P	2020-01-0	OPERATOR INV
Inventory Transactions	2019	11 P	2019-12-0	OPERATOR INV
Inventory Transactions	2019	10 P	2019-11-0	OPERATOR INV
Inventory Transactions	2019	10 P	2019-11-0	OPERATOR INV
Inventory Transactions	2019	9 P	2019-10-0	OPERATOR INV
Inventory Transactions	2019	8 P	2019-09-0	OPERATOR INV
Inventory Transactions	2019	8 P	2019-09-0	OPERATOR INV
Inventory Transactions	2019	7 P	2019-08-0	OPERATOR INV
Inventory Transactions	2019	7 P	2019-08-0	OPERATOR INV
Inventory Transactions	2019	7 P	2019-08-0	OPERATOR INV
Inventory Transactions	2019	6 P	2019-07-0	OPERATOR INV
Inventory Transactions	2019	5 P	2019-06-0	OPERATOR INV
Inventory Transactions	2019	5 P	2019-06-0	OPERATOR INV
Inventory Transactions	2019	2 P	2019-03-0	OPERATOR INV















Inventory Transactions	2019	2 P	2019-03-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	10 P	2019-11-0: OPERATOR INV
Inventory Transactions	2019	3 P	2019-04-0: OPERATOR INV
Inventory Transactions	2019	2 P	2019-03-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2020	1 P	2020-02-0: OPERATOR INV
Inventory Transactions	2020	7 P	2020-08-0: OPERATOR INV
Inventory Transactions	2020	11 P	2020-12-0: OPERATOR INV
Inventory Transactions	2020	10 P	2020-11-0: OPERATOR INV
Inventory Transactions	2020	8 P	2020-09-0: OPERATOR INV
Inventory Transactions	2020	2 P	2020-03-0: OPERATOR INV
Inventory Transactions	2020	8 P	2020-09-0: OPERATOR INV
Inventory Transactions	2020	7 P	2020-08-0: OPERATOR INV
Inventory Transactions	2020	6 P	2020-07-0: OPERATOR INV
Inventory Transactions	2020	3 P	2020-04-0: OPERATOR INV
Inventory Transactions	2020	1 P	2020-02-0: OPERATOR INV
Inventory Transactions	2020	1 P	2020-02-0: OPERATOR INV
Inventory Transactions	2020	11 P	2020-12-0: OPERATOR INV
Inventory Transactions	2020	7 P	2020-08-0: OPERATOR INV
Inventory Transactions	2020	2 P	2020-03-0: OPERATOR INV
Inventory Transactions	2020	1 P	2020-02-0: OPERATOR INV
Inventory Transactions	2019	12 P	2020-01-0: OPERATOR INV
Inventory Transactions	2019	11 P	2019-12-0: OPERATOR INV
Inventory Transactions	2019	10 P	2019-11-0: OPERATOR INV
Inventory Transactions	2019	8 P	2019-09-0: OPERATOR INV
Inventory Transactions	2019	7 P	2019-08-0: OPERATOR INV
Inventory Transactions	2019	6 P	2019-07-0: OPERATOR INV
Inventory Transactions	2019	4 P	2019-05-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	4 P	2019-05-0: OPERATOR INV
Inventory Transactions	2019	3 P	2019-04-0: OPERATOR INV
Inventory Transactions	2019	8 P	2019-09-0: OPERATOR INV
Inventory Transactions	2019	11 P	2019-12-0: OPERATOR INV
Inventory Transactions	2019	11 P	2019-12-0: OPERATOR INV
Inventory Transactions	2019	6 P	2019-07-0: OPERATOR INV
Inventory Transactions	2019	5 P	2019-06-0: OPERATOR INV
Inventory Transactions	2019	3 P	2019-04-0: OPERATOR INV
Inventory Transactions	2019	3 P	2019-04-0: OPERATOR INV
Inventory Transactions	2019	2 P	2019-03-0: OPERATOR INV
Inventory Transactions	2019	2 P	2019-03-0: OPERATOR INV

Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	11 P	2019-12-0: OPERATOR INV
Inventory Transactions	2019	11 P	2019-12-0: OPERATOR INV
Inventory Transactions	2019	7 P	2019-08-0: OPERATOR INV
Inventory Transactions	2019	5 P	2019-06-0: OPERATOR INV
Inventory Transactions	2019	4 P	2019-05-0: OPERATOR INV
Inventory Transactions	2019	3 P	2019-04-0: OPERATOR INV
Inventory Transactions	2019	3 P	2019-04-0: OPERATOR INV
Inventory Transactions	2019	2 P	2019-03-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV
Inventory Transactions	2019	1 P	2019-02-0: OPERATOR INV

Line Descr	Source	Source Data
PPLANT ENTRY FOR SEQ - 1429914	EXT	
PPLANT ENTRY FOR SEQ - 1429913	EXT	
PPLANT ENTRY FOR SEQ - 1429911	EXT	
PPLANT ENTRY FOR SEQ - 1429896	EXT	
Accrue Unmatched PO Receipts	GPO	
Accrue Unmatched PO Receipts	GPO	
Accrue Unmatched PO Receipts	GPO	
002593	GEX	
TOTAL, BK TANK SITES @ \$950.00	GAP	
BK TANKS - TOTAL LANDSCAPE FOR	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
BK TANKS - TOTAL LANDSCAPE FOR	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
BK TANKS - TOTAL LANDSCAPE FOR	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
TOTAL, BK TANK SITES @ \$950.00	GAP	
JUN'19-OCT'19 AVER (EST) ACC -	NVS	
JUN'19-OCT'19 AVER (EST) ACC -	NVS	
MAY'19-SEP'19 AVER (EST) ACC	NVS	
MAY'19-SEP'19 AVER (EST) ACC	NVS	
MAR'19-JUL'19 AVER (EST) ACC	NVS	
MAR'19-JUL'19 AVER (EST) ACC	NVS	
MAR19-JUL19 AVER (EST) ACC - A	NVS	
MAR19-JUL19 AVER (EST) ACC - A	NVS	
FEB19-JUN19 AVER (EST) ACCRUAL	NVS	
FEB19-JUN19 AVER (EST) ACCRUAL	NVS	
CROSS-CONNECTIONS	GAP	
CROSS-CONNECTIONS	GAP	
CROSS CONNECTIONS 4TH QTR	GAP	
3RD QTR BILL JAN 2019-MAR 2019	GAP	
COUNTY OF KERN	NVS	
COUNTY OF KERN	NVS	
COUNTY OF KERN	NVS	
COUNTY OF KERN	NVS	
COUNTY OF KERN	NVS	
COUNTY OF KERN	NVS	
X000132720, 1	GPO	











Trans & Dist Line Expense	NVS
Trans & Dist Line Expense	NVS
Trans & Dist Line Expense	NVS
000536	GEX
METER TEST	GAP
Inventory Reserve	NVS
Inventory Reserve	NVS
Inventory Reserve	NVS
Inventory Reserve	NVS
Inventory Reserve	SCP
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
	ALO
	ALO
	ALO
	ALO
	GHR
	GHR
	GHR
	GHR
	GHR
	GHR
	GHR
	GHR
	GHR
	GHR
001571	GEX
001571	GEX
001571	GEX
001571	GEX
001571	GEX
001623	GEX
001623	GEX
RCL V#01372679	GAP
RCL V#01372683	GAP
RCL V#01372681	GAP
Estimated Postage Cost	GAP
Products Additional Pages - 24	GAP
Product FLATS: MS-24# white &	GAP
Product LETTERS: MS-24# whit	GAP
Ink Jet Message	GAP







Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Inv Trans	GIN
Inv Trans	GIN
Inv Trans	GIN
Inv Trans	GIN
BESTBUYCOM806390513486	NVS
BAUGHMANS	NVS
BESTBUYCOM806389803076	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
DOMS	NVS
DOMS	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
ACCUFORM.COM LLC	NVS
DTV*DIRECTV SERVICE	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
O'REILLY AUTO PARTS 2744	NVS
O'REILLY AUTO PARTS 2744	NVS
O'REILLY AUTO PARTS 2744	NVS
THE HOME DEPOT #6678	NVS
LOWES #01150*	NVS

WAL-MART #1972	NVS
WAL-MART #1972	NVS
BIG LOTS STORES - #4594	NVS
PBI*LEASEDEQUIPMENT	NVS
BEST BUY MHT 00003913	NVS
WAL-MART #1972	NVS
DOLLARTREE	NVS
WAL-MART #1972	NVS
SMARTSIGN	NVS
THE HOME DEPOT #6678	NVS
TARGET 00003137	NVS
THE HOME DEPOT #6678	NVS
DOMS	NVS
LOWES #01150*	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
MCW#925-TRACY	NVS
DTV*DIRECTV SERVICE	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
O'REILLY AUTO PARTS 3222	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
CHEVRON 0201383	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
MICHAELS STORES 1286	NVS
WAL-MART #1972	NVS
AUTOZONE # 3718	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0207679	NVS
AUTOZONE #2858	NVS
AUTOPIA CAR WASH - 4	NVS
LOWES #01150*	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS



IN *ENCOMPASS SUPPLY CO.	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
DOMS	NVS
DOMS	NVS
BIG LOTS STORES - #4594	NVS
IN *THE ROTARY CLUB OF LI	NVS
PITNEYBOWESLEASEDEQUIP	NVS
WAL-MART #1972	NVS
WAL-MART #1972	NVS
THE HOME DEPOT #6678	NVS
WAL-MART #1972	NVS
O'REILLY AUTO PARTS 2744	NVS
DTV*DIRECTV SERVICE	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
ACCUFORM.COM LLC	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
COMCAST CALIFORNIA	NVS
O'REILLY AUTO PARTS 2744	NVS
COSTCO WHSE #0658	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
LOWES #01150*	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS

IN *ENCOMPASS SUPPLY CO.	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
DOMS	NVS
DOMS	NVS
BIG LOTS STORES - #4594	NVS
IN *THE ROTARY CLUB OF LI	NVS
PITNEYBOWESLEASEDEQUIP	NVS
WAL-MART #1972	NVS
WAL-MART #1972	NVS
THE HOME DEPOT #6678	NVS
WAL-MART #1972	NVS
O'REILLY AUTO PARTS 2744	NVS
DTV*DIRECTV SERVICE	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
ACCUFORM.COM LLC	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
COMCAST CALIFORNIA	NVS
O'REILLY AUTO PARTS 2744	NVS
COSTCO WHSE #0658	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
IN *THE ROTARY CLUB OF LI	NVS
AUTOPIA CAR WASH - 4	NVS
DOMS	NVS
THE HOME DEPOT #6678	NVS

O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
WWW COSTCO COM	NVS
LIVERMORE SANITATION	NVS
WAL-MART #1972	NVS
BIG LOTS STORES - #4594	NVS
PITNEYBOWESLEASEDEQUIP	NVS
WAL-MART #1972	NVS
WAL-MART #1972	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
DOMS	NVS
AUTOPIA CAR WASH - 4	NVS
IN *THE ROTARY CLUB OF LI	NVS
AUTOPIA CAR WASH - 4	NVS
DOMS	NVS
THE HOME DEPOT #6678	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
WWW COSTCO COM	NVS
LIVERMORE SANITATION	NVS
WAL-MART #1972	NVS
BIG LOTS STORES - #4594	NVS
PITNEYBOWESLEASEDEQUIP	NVS
WAL-MART #1972	NVS
WAL-MART #1972	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0658	NVS

COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
DOMS	NVS
AUTOPIA CAR WASH - 4	NVS
ULINE *SHIP SUPPLIES	NVS
WAL-MART #1972	NVS
WAL-MART #1972	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
DTV*DIRECTV SERVICE	NVS
COMCAST CALIFORNIA	NVS
O'REILLY AUTO PARTS 2744	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0658	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
CHEVRON 0307709	NVS
AUTOPIA CAR WASH - 4	NVS
EXXONMOBIL 99733149	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0307709	NVS
CHEVRON 0200764	NVS
ULINE *SHIP SUPPLIES	NVS
WAL-MART #1972	NVS
WAL-MART #1972	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
FAST SHINE CAR WASH	NVS
DTV*DIRECTV SERVICE	NVS
COMCAST CALIFORNIA	NVS
O'REILLY AUTO PARTS 2744	NVS
AUTOPIA CAR WASH - 4	NVS

COSTCO WHSE #0658	NVS
O'REILLY AUTO PARTS 2744	NVS
MCW#928-AIRPORT	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
CHEVRON 0307709	NVS
AUTOPIA CAR WASH - 4	NVS
EXXONMOBIL 99733149	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0307709	NVS
CHEVRON 0200764	NVS
THE HOME DEPOT #6678	NVS
AMAZON.COM*MF6EW14N2 AMZN	NVS
NIS SUPPLY	NVS
NIS SUPPLY	NVS
GEIGER MANUFACTURING INC	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
AMZN MKTP US*MF9VR2UR0	NVS
WAL-MART #1972	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
SP * WILD WEST BOOT ST	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
IN *THE ROTARY CLUB OF LI	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0658	NVS
MCW#928-AIRPORT	NVS
MCW#928-AIRPORT	NVS
MCW#928-AIRPORT	NVS
AUTOPIA CAR WASH - 4	NVS

COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
OIL CHANGER #304	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
CHEVRON 0307709	NVS
AUTOPIA CAR WASH - 4	NVS
OIL CHANGER #304	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOZONE # 3718	NVS
EXXONMOBIL 99733149	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0307709	NVS
CHEVRON 0200764	NVS
AUTOPIA CAR WASH - 4	NVS
THE HOME DEPOT #6678	NVS
AMAZON.COM*MF6EW14N2 AMZN	NVS
NIS SUPPLY	NVS
NIS SUPPLY	NVS
GEIGER MANUFACTURING INC	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
AMZN MKTP US*MF9VR2UR0	NVS
WAL-MART #1972	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
SP * WILD WEST BOOT ST	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
IN *THE ROTARY CLUB OF LI	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS

COSTCO WHSE #0658	NVS
MCW#928-AIRPORT	NVS
MCW#928-AIRPORT	NVS
MCW#928-AIRPORT	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
OIL CHANGER #304	NVS
COMCAST CALIFORNIA	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
CHEVRON 0307709	NVS
AUTOPIA CAR WASH - 4	NVS
OIL CHANGER #304	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOZONE # 3718	NVS
EXXONMOBIL 99733149	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0307709	NVS
CHEVRON 0200764	NVS
AUTOPIA CAR WASH - 4	NVS
THE HOME DEPOT #6678	NVS
NIS SUPPLY	NVS
GEIGER MANUFACTURING INC	NVS
NIS SUPPLY	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
SP * WILD WEST BOOT ST	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
IN *THE ROTARY CLUB OF LI	NVS
THE HOME DEPOT #6678	NVS
DOMS	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT 6678	NVS

COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0658	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
DTV*DIRECTV SERVICE	NVS
COMCAST CALIFORNIA	NVS
CHEVRON 0307709	NVS
AUTOPIA CAR WASH - 4	NVS
OIL CHANGER #304	NVS
MCW#928-AIRPORT	NVS
WWW COSTCO COM	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOZONE # 3718	NVS
OIL CHANGER #304	NVS
EXXONMOBIL 99733149	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
CHEVRON 0307709	NVS
CHEVRON 0200764	NVS
AUTOPIA CAR WASH - 4	NVS
THE HOME DEPOT #6678	NVS
NIS SUPPLY	NVS
GEIGER MANUFACTURING INC	NVS
NIS SUPPLY	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
SP * WILD WEST BOOT ST	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
IN *THE ROTARY CLUB OF LI	NVS
THE HOME DEPOT #6678	NVS
DOMS	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT 6678	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS



COSTCO WHSE #0658	NVS
FEDEX OFFICE 00000828	NVS
COSTCO WHSE #0658	NVS
COSTCO WHSE #0146	NVS
DTV*DIRECTV SERVICE	NVS
COMCAST CALIFORNIA	NVS
CHEVRON 0307709	NVS
AUTOPIA CAR WASH - 4	NVS
OIL CHANGER #304	NVS
MCW#928-AIRPORT	NVS
WWW COSTCO COM	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOZONE # 3718	NVS
OIL CHANGER #304	NVS
EXXONMOBIL 99733149	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
CHEVRON 0307709	NVS
CHEVRON 0200764	NVS
AUTOPIA CAR WASH - 4	NVS
PAYPAL *CHEN XIAOBO	NVS
AUTOPIA CAR WASH - 4	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0658	NVS
AUTOZONE # 3718	NVS
THE HOME DEPOT #6678	NVS
EXXONMOBIL 99733149	NVS
MCW#928-AIRPORT	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
AUTOZONE # 3718	NVS
CHEVRON 0207679	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0200764	NVS
CHEVRON 0307709	NVS
THE HOME DEPOT #6678	NVS
COMCAST CALIFORNIA	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
THE HOME DEPOT 6678	NVS
OIL CHANGER #304	NVS

DTV*DIRECTV SERVICE	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
NIS SUPPLY	NVS
COSTCO *BUS DELIV 823	NVS
NIS SUPPLY	NVS
COSTCO WHSE #0146	NVS
GEIGER MANUFACTURING INC	NVS
PAYPAL *CHEN XIAOBO	NVS
AUTOPIA CAR WASH - 4	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0658	NVS
AUTOZONE # 3718	NVS
THE HOME DEPOT #6678	NVS
EXXONMOBIL 99733149	NVS
MCW#928-AIRPORT	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
AUTOZONE # 3718	NVS
CHEVRON 0207679	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
CHEVRON 0200764	NVS
CHEVRON 0307709	NVS
THE HOME DEPOT #6678	NVS
COMCAST CALIFORNIA	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
THE HOME DEPOT 6678	NVS
OIL CHANGER #304	NVS
DTV*DIRECTV SERVICE	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
NIS SUPPLY	NVS
COSTCO *BUS DELIV 823	NVS
NIS SUPPLY	NVS
COSTCO WHSE #0146	NVS
GEIGER MANUFACTURING INC	NVS
PAYPAL *CHEN XIAOBO	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0658	NVS
THE HOME DEPOT #6678	NVS

THE HOME DEPOT #6678	NVS
MCW#928-AIRPORT	NVS
TARGET 00018622	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
THE HOME DEPOT #6678	NVS
CHEVRON 0207679	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
PAYPAL *CHEN XIAOBO	NVS
THE HOME DEPOT #6678	NVS
COMCAST CALIFORNIA	NVS
LOWES #01150*	NVS
CHEVRON 0352035	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT 6678	NVS
PAYPAL *ILLUMN	NVS
DTV*DIRECTV SERVICE	NVS
THE HOME DEPOT #6678	NVS
WWW.KOHL.S.COM #0873	NVS
WWW.KOHL.S.COM #0873	NVS
COSTCO WHSE #0146	NVS
O'REILLY AUTO PARTS 2744	NVS
COSTCO WHSE #0146	NVS
PAYPAL *CHEN XIAOBO	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0658	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
MCW#928-AIRPORT	NVS
TARGET 00018622	NVS
THE HOME DEPOT #6678	NVS
COSTCO WHSE #0146	NVS
THE HOME DEPOT #6678	NVS
CHEVRON 0207679	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
PAYPAL *CHEN XIAOBO	NVS
THE HOME DEPOT #6678	NVS
COMCAST CALIFORNIA	NVS
LOWES #01150*	NVS
CHEVRON 0352035	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT 6678	NVS

PAYPAL *ILLUMN	NVS
DTV*DIRECTV SERVICE	NVS
THE HOME DEPOT #6678	NVS
WWW.KOHL'S.COM #0873	NVS
WWW.KOHL'S.COM #0873	NVS
COSTCO WHSE #0146	NVS
O'REILLY AUTO PARTS 2744	NVS
COSTCO WHSE #0146	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
ULINE *SHIP SUPPLIES	NVS
ULINE *SHIP SUPPLIES	NVS
COSTCO *BUS DELIV 823	NVS
THE HOME DEPOT #6678	NVS
LOWES #01150*	NVS
BATH & BODY WORKS.COM	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
TARGET 00018622	NVS
PAYPAL *CHEN XIAOBO	NVS
THE HOME DEPOT #6678	NVS
PAYPAL *CHEN XIAOBO	NVS
PBI*LEASEDEQUIPMENT	NVS
PBI*LEASEDEQUIPMENT	NVS
BATH & BODY WORKS.COM	NVS
DTV*DIRECTV SERVICE	NVS
MCW#928-AIRPORT	NVS
TOWN SQUARE PUBLICATIONS	NVS
COMCAST CALIFORNIA	NVS
LATINO TIMES	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
CHEVRON 0207679	NVS
PAYPAL *ILLUMN	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS

COMCAST CALIFORNIA	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
IN *ENCOMPASS SUPPLY CO.	NVS
ULINE *SHIP SUPPLIES	NVS
ULINE *SHIP SUPPLIES	NVS
COSTCO *BUS DELIV 823	NVS
THE HOME DEPOT #6678	NVS
LOWES #01150*	NVS
BATH & BODY WORKS.COM	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
TARGET 00018622	NVS
PAYPAL *CHEN XIAOBO	NVS
THE HOME DEPOT #6678	NVS
PAYPAL *CHEN XIAOBO	NVS
PBI*LEASEDEQUIPMENT	NVS
PBI*LEASEDEQUIPMENT	NVS
BATH & BODY WORKS.COM	NVS
DTV*DIRECTV SERVICE	NVS
MCW#928-AIRPORT	NVS
TOWN SQUARE PUBLICATIONS	NVS
COMCAST CALIFORNIA	NVS
LATINO TIMES	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
CHEVRON 0207679	NVS
PAYPAL *ILLUMN	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
DOMS	NVS
BATH & BODY WORKS.COM	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
USA BLUE BOOK	NVS
NIS SUPPLY	NVS

NIS SUPPLY	NVS
TARGET 00018622	NVS
AMZN MKTP US*DK3SF1XQ3	NVS
THE HOME DEPOT 6678	NVS
PAYPAL *CHEN XIAOBO	NVS
THE HOME DEPOT #6678	NVS
PAYPAL *CHEN XIAOBO	NVS
PBI*LEASEDEQUIPMENT	NVS
PBI*LEASEDEQUIPMENT	NVS
BATH & BODY WORKS.COM	NVS
WAL-MART #1972	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
CHEVRON 0207679	NVS
MCW#928-AIRPORT	NVS
PAYPAL *ILLUMN	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
DOMS	NVS
BATH & BODY WORKS.COM	NVS
THE HOME DEPOT 6678	NVS
THE HOME DEPOT #6678	NVS
USA BLUE BOOK	NVS
NIS SUPPLY	NVS
NIS SUPPLY	NVS
TARGET 00018622	NVS
AMZN MKTP US*DK3SF1XQ3	NVS
THE HOME DEPOT 6678	NVS
PAYPAL *CHEN XIAOBO	NVS
THE HOME DEPOT #6678	NVS
PAYPAL *CHEN XIAOBO	NVS
PBI*LEASEDEQUIPMENT	NVS
PBI*LEASEDEQUIPMENT	NVS
BATH & BODY WORKS.COM	NVS
WAL-MART #1972	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS

AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
CHEVRON 0207679	NVS
MCW#928-AIRPORT	NVS
PAYPAL *ILLUMN	NVS
AUTOPIA CAR WASH - 4	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
COMCAST CALIFORNIA	NVS
NIS SUPPLY	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
LOWES #01150*	NVS
THE HOME DEPOT #6678	NVS
BATH & BODY WORKS.COM	NVS
TARGET 00008284	NVS
PBI*LEASEDEQUIPMENT	NVS
PBI*LEASEDEQUIPMENT	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS
COMCAST CALIFORNIA	NVS
COSTCO WHSE #0146	NVS
NIS SUPPLY	NVS
THE HOME DEPOT #6678	NVS
THE HOME DEPOT #6678	NVS
LOWES #01150*	NVS
THE HOME DEPOT #6678	NVS
BATH & BODY WORKS.COM	NVS
TARGET 00008284	NVS
PBI*LEASEDEQUIPMENT	NVS
PBI*LEASEDEQUIPMENT	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
MCW#928-AIRPORT	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
AUTOPIA CAR WASH - 4	NVS
COMCAST CALIFORNIA	NVS







000547	GEX
000408	GEX
000408	GEX
000408	GEX
000408	GEX
000408	GEX
000408	GEX
000408	GEX
000408	GEX
002437	GEX
000547	GEX
000547	GEX
000547	GEX
000547	GEX
002395	GEX
000547	GEX
000547	GEX
001873	GEX
002437	GEX
002395	GEX
002395	GEX
000547	GEX
000547	GEX
000547	GEX
000547	GEX
000547	GEX
000547	GEX
000547	GEX
002395	GEX
000547	GEX
001571	GEX
000547	GEX
001873	GEX
001873	GEX
002437	GEX
002437	GEX
000547	GEX
000547	GEX
000547	GEX
002437	GEX
002437	GEX
002437	GEX
002437	GEX
002289	GEX
000601	GEX

000601	GEX
002344	GEX
000547	GEX
001873	GEX
000547	GEX
000547	GEX
000547	GEX
000408	GEX
001333	GEX
001333	GEX
000348	GEX
000547	GEX
002674	GEX
Loomis 12/4	GAR
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
AAI PEST CONTROL	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
FERGUSON ENTERPRISES LLC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
FERGUSON ENTERPRISES LLC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS

JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
E-NOR INNOVATIONS	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
E-NOR INNOVATIONS	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
E-NOR INNOVATIONS	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
E-NOR INNOVATIONS	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS

JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
HSG SAFETY SUPPLIES INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
BLAZE CONE COMPANY, INC.	NVS
BLAZE CONE COMPANY, INC.	NVS
ALL LOCKS AND DOORS	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
HSG SAFETY SUPPLIES INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
BLAZE CONE COMPANY, INC.	NVS
BLAZE CONE COMPANY, INC.	NVS
ALL LOCKS AND DOORS	NVS
HSG SAFETY SUPPLIES INC	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
BLAZE CONE COMPANY, INC.	NVS
HSG SAFETY SUPPLIES INC	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
BLAZE CONE COMPANY, INC.	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
2020 Landscaping Service	GAP
RAINPANT, RWP107 PREMIUM BLACK	GAP
RAINJACKET-RWJ107 PREMIUM BLAC	GAP
2020 Extraordinary Landscape M	GAP
2020 Extraordinary Landscape M	GAP
Armored Car Service	GAP

Arborist Services	GAP
Annual Service/Replacement of	GAP
Sanitizing Deep Cleaning to Of	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
2020 Extraordinary Landscape M	GAP
2020 Landscaping Service	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Armored Car Service	GAP
RCL V#01484429	GAP
2020 Extraordinary Landscape M	GAP
Repairs & PM Needed on HVAC	GAP
Sanitizing Deep Cleaning to Of	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
October 2020	GAP
2020 Landscaping Service	GAP
RCL V#01478932	GAP
RCL V#01472493	GAP
RCL V#01466366	GAP
RCL V#01449400	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
DUFFLE BAG-DUAL COMPARTMENT, L	GAP
GEAR DUFFLE BAG(CWSCO) - NAVY,	GAP
Sanitizing Deep Cleaning to Of	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
RAIN GEAR 2 PIECE, ANSI 107 HI	GAP
2020 Extraordinary Landscape M	GAP
Armored Car Service	GAP
September 2020	GAP
2020 Landscaping Service	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Charge for each additional cal	GAP
Answering Service Monthly Char	GAP
Arborist Services	GAP

2020 Extraordinary Landscape M	GAP
Armored Car Service	GAP
Sanitizing Deep Cleaning to Of	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
2020 Landscaping Service	GAP
RCL V#01460514	GAP
RCL V#01454723	GAP
2020 Extraordinary Landscape M	GAP
Sanitizing Deep Cleaning to Of	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
Armored Car Service	GAP
2020 Extraordinary Landscape M	GAP
2020 Extraordinary Landscape M	GAP
2020 Landscaping Service	GAP
Additional Deep Cleaning to th	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Armored Car Service	GAP
2020 Extraordinary Landscape M	GAP
2020 Extraordinary Landscape M	GAP
2020 Extraordinary Landscape M	GAP
2020 Extraordinary Landscape M	GAP
Uniforms	GAP
Additional Deep Cleaning to th	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
Additional Deep Cleaning to th	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
LIV (110) Printing Services	GAP
Armored Car Service	GAP
2020 Landscaping Service	GAP
RAGS TERRY-COLORED (20 LB. BAI	GAP
2020 Landscaping Service	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP

SHIRT-HIGH VISIBILITY ANSI CLA	GAP
VEST, SAFETY CLASS 2, 6 POCKET	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
Fire Sprinkler System Inspecti	GAP
18 BLAZE CONE 3LBS W/WEIGHTED	GAP
28 BLAZE CONE 7LBS W/WEIGHTED	GAP
RAIN GEAR 2 PIECE, ANSI 107 HI	GAP
Armored Car Service	GAP
2020 Extraordinary Landscape M	GAP
Replace conduit and wiring on	GAP
Uniforms	GAP
2020 Landscaping Service	GAP
Repairs & PM Needed on HVAC	GAP
Additional Deep Cleaning to th	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
RCL V#01444840	GAP
RCL V#01443779	GAP
RCL V#01443217	GAP
RCL V#01443217	GAP
Away from the office signs	GAP
Armored Car Service	GAP
GOGGLES-SAFETY NON VENTED TYPE	GAP
Uniforms	GAP
18 THREADED BROOM PUSH FLOOR H	GAP
5 FT HANDLE BROOM THREADED	GAP
Answering Service Monthly Char	GAP
Charge for each additional cal	GAP
Armored Car Service	GAP
Armored Car Service	GAP
2020 Landscaping Service	GAP
HACH Bench Service Plus	GAP
UNIFORMS	GAP
UNIFORMS	GAP
Ruben Garcia 002395 LIV	GAP
DUFFLE BAG-DUAL COMPARTMENT, L	GAP
DUFFLE BAG-DUAL COMPARTMENT, L	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
Ruben Garcia 002395 LIV	GAP
2020 Landscaping Service	GAP
2020 Landscaping Service	GAP
Carpet Cleaning for both Opera	GAP
18 BLAZE CONE 3LBS W/WEIGHTED	GAP



28 BLAZE CONE 7LBS W/WEIGHTED	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
UNIFORMS	GAP
HARNESS, CUSTOM CALWATER HARNE	GAP
HARNESS, CUSTOM CALWATER HARNE	GAP
Operation Center Buildings Jan	GAP
Operation Center Buildings Jan	GAP
Customer Center Janitorial Ser	GAP
Operation Center Janitorial Se	GAP
UNIFORM	GAP
Weed abatement and any additio	GAP
Weed abatement and any additio	GAP
Weed abatement and any additio	GAP
Weed abatement and any additio	GAP
Weed abatement and any additio	GAP
Provide landscape maintenance	GAP
UNIFORM	GAP
JUL'20-NOV'20 AVER (EST) ACCRL	NVS
JUN'20-OCT'20 AVER (EST) ACCRL	NVS
JUN'20-OCT'20 AVER (EST) ACCRL	NVS
MAY'20-SEP'20 AVER (EST) ACCRL	NVS
MAY'20-SEP'20 AVER (EST) ACCRL	NVS
APR'20-AUG'20 AVER (EST) ACCRL	NVS
APR'20-AUG'20 AVER (EST) ACCRL	NVS
MAR'20-JUL'20 AVER (EST) ACCL	NVS
MAR'20-JUL'20 AVER (EST) ACCL	NVS
FEB'20-JUN'20 AVER (EST) ACCL	NVS
FEB'20-JUN'20 AVER (EST) ACCL	NVS
JAN'20-MAY'20 AVER (EST) ACCL	NVS
JAN'20-MAY'20 AVER (EST) ACCL	NVS
DEC'19-APR'20 AVER (EST) ACCL	NVS
DEC'19-APR'20 AVER (EST) ACCL	NVS
NOV'19-MAR'20 AVER (EST) ACCL	NVS
NOV'19-MAR'20 AVER (EST) ACCL	NVS
OCT'19-FEB'20 AVER (EST) ACC	NVS
OCT'19-FEB'20 AVER (EST) ACC	NVS
SEP'19-JAN'20 AVER (EST) ACC	NVS
SEP'19-JAN'20 AVER (EST) ACC	NVS
AUG'19-DEC'19 AVER (EST) ACC -	NVS
AUG'19-DEC'19 AVER (EST) ACC -	NVS
JUL'19-DEC'19 AVER (EST) ACC -	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS





CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
RANCHO SANTIAGO COMMUNITY COLL	NVS
RANCHO SANTIAGO COMMUNITY COLL	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
CUMMINS SALES AND SERVICE	NVS
RANCHO SANTIAGO COMMUNITY COLL	NVS
RANCHO SANTIAGO COMMUNITY COLL	NVS
JANE'S ANSWERING SERVICE	NVS
JANE'S ANSWERING SERVICE	NVS
LOOMIS	NVS
LOOMIS	NVS
PROMOVENTURES	NVS
LOOMIS	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
PROMOVENTURES	NVS
LOOMIS	NVS
JANE'S ANSWERING SERVICE	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
PROMOVENTURES	NVS
LOOMIS	NVS
PROMOVENTURES	NVS
LOOMIS	NVS
THE DAVEY TREE EXPERT COMPANY	NVS
LOOMIS	NVS
DEL CONTE'S LANDSCAPING INC	NVS
THE DAVEY TREE EXPERT COMPANY	NVS
LOOMIS	NVS
DEL CONTE'S LANDSCAPING INC	NVS
LOOMIS	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS
DEL CONTE'S LANDSCAPING INC	NVS



	GHR
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
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Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
Pest Control Service for the L	GAP
MAY'20-SEP'20 AVER (EST) ACCRL	NVS
MAY'20-SEP'20 AVER (EST) ACCRL	NVS
APR'20-AUG'20 AVER (EST) ACCRL	NVS
APR'20-AUG'20 AVER (EST) ACCRL	NVS
MAR'20-JUL'20 AVER (EST) ACCL	NVS
MAR'20-JUL'20 AVER (EST) ACCL	NVS
FEB'20-JUN'20 AVER (EST) ACCL	NVS
FEB'20-JUN'20 AVER (EST) ACCL	NVS
JAN'20-MAY'20 AVER (EST) ACCL	NVS
JAN'20-MAY'20 AVER (EST) ACCL	NVS
AAI PEST CONTROL	NVS
AAI PEST CONTROL	NVS
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO

Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Preventative Maintenance & Rep	GAP
Preventative Maintenance & Rep	GAP
Preventative Maintenance & Rep	GAP
Pest Control Service for the L	GAP
DEC'20-APR'21 AVER (EST) ACCRL	NVS
DEC'20-APR'21 AVER (EST) ACCRL	NVS
NOV'20-MAR'21 AVER (EST) ACCRL	NVS
NOV'20-MAR'21 AVER (EST) ACCRL	NVS
OCT'20-FEB'21 AVER (EST) ACCRL	NVS
OCT'20-FEB'21 AVER (EST) ACCRL	NVS
SEP'20-JAN'21 AVER (EST) ACCRL	NVS
SEP'20-JAN'21 AVER (EST) ACCRL	NVS
AUG'20-DEC'20 AVER (EST) ACCRL	NVS
AUG'20-DEC'20 AVER (EST) ACCRL	NVS
AMBIENT HEATING & AIR	NVS
AMBIENT HEATING & AIR	NVS
Accrue Unmatched PO Receipts	GPO
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
TERMINIX COMMERCIAL	NVS
Operation Center Pest Control	GAP
Down town office pest control	GAP
Operation Center Pest Control	GAP
Operation Center Pest Control	GAP
Down town office pest control	GAP
Operation Center Pest Control	GAP
Down town office pest control	GAP
Operation Center Pest Control	GAP
Operation Center Pest Control	GAP
Down town office pest control	GAP
Down town office pest control	GAP
Operation Center Pest Control	GAP
Down town office pest control	GAP
Operation Center Pest Control	GAP







RCL V#01372679	GAP
RCL V#01372683	GAP
RCL V#01372681	GAP
Estimated Postage Cost	GAP
Products Additional Pages - 24	GAP
Product FLATS: MS-24# white &	GAP
Product LETTERS: MS-24# whit	GAP
Ink Jet Message	GAP
Print to Mail Adtl Pages SIMPL	GAP
Mail Preparation Meter and Com	GAP
Mail Preperation Letters (MLO	GAP
Print to mail w/out Pstg	GAP
Estimated Postage Cost	GAP
Products Additional Pages - 24	GAP
Product FLATS: MS-24# white &	GAP
Product LETTERS: MS-24# whit	GAP
Ink Jet Message	GAP
Print to Mail Adtl Pages SIMPL	GAP
Mail Preparation Meter and Com	GAP
Mail Preperation Letters (MLO	GAP
Print to mail w/out Pstg	GAP
Estimated Postage Cost	GAP
Products Additional Pages - 24	GAP
Product FLATS: MS-24# white &	GAP
Ink Jet Message	GAP
Print to Mail Adtl Pages SIMPL	GAP
Mail Preparation Meter and Com	GAP
Mail Preperation Letters (MLO	GAP
Print to mail w/out Pstg	GAP
MAIL SERVICES LLC	NVS
MAIL SERVICES LLC	NVS
001484	GEX
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
Other Meter Expense	NVS
RCL escheat ck 527145 Frank Um	NVS
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO



Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
Accrue Unmatched PO Receipts	GPO
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000435	GEX
000469	GEX
000469	GEX
000469	GEX
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000689	GEX
000435	GEX
000487	GEX
000435	GEX
000435	GEX
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000469	GEX
000435	GEX
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000689	GEX
000435	GEX
000435	GEX
000469	GEX
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000487	GEX

000469	GEX
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001179	GEX
001179	GEX
001179	GEX
000469	GEX
000930	GEX
000435	GEX
000689	GEX
000435	GEX
000435	GEX
000435	GEX
000435	GEX
000435	GEX
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
SHRED-IT USA LLC	NVS
HSG SAFETY SUPPLIES INC	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
AMERICAN ARBOR CARE	NVS

SHRED-IT USA LLC	NVS
HSG SAFETY SUPPLIES INC	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
AMERICAN ARBOR CARE	NVS
PAPE MATERIAL HANDLING	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
PAPE MATERIAL HANDLING	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
SHRED-IT USA LLC	NVS
FASTENAL COMPANY	NVS
BLAZE CONE COMPANY, INC.	NVS
AMERICAN ARBOR CARE	NVS
SHRED-IT USA LLC	NVS
FASTENAL COMPANY	NVS
BLAZE CONE COMPANY, INC.	NVS
AMERICAN ARBOR CARE	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
KL&P MARKETING, SAFE DESIGNS	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
KL&P MARKETING, SAFE DESIGNS	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
KL&P MARKETING, SAFE DESIGNS	NVS
HSG SAFETY SUPPLIES INC	NVS
AMERICAN ARBOR CARE	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS

KL&P MARKETING, SAFE DESIGNS	NVS
HSG SAFETY SUPPLIES INC	NVS
AMERICAN ARBOR CARE	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
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SHRED-IT USA LLC	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
UNITED SITE SERVICES OF CALIFO	NVS





UNITED SITE SERVICES OF CALIFO	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
UNITED SITE SERVICES OF CALIFO	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
UNITED SITE SERVICES OF CALIFO	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
SHAMROCK COMPANY	NVS
UNITED SITE SERVICES OF CALIFO	NVS

UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
SHRED-IT USA LLC	NVS
SHAMROCK COMPANY	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHAMROCK COMPANY	NVS
SHRED-IT USA LLC	NVS
UNITED SITE SERVICES OF CALIFO	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
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UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHAMROCK COMPANY	NVS
SHRED-IT USA LLC	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
UNITED SITE SERVICES OF CALIFO	NVS
SHRED-IT USA LLC	NVS
270848583	GAP
270848393	GAP
270848179	GAP

270848443	GAP
270848419	GAP
270848252	GAP
270848021	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
270848443	GAP
270848419	GAP
270848252	GAP
270848021	GAP
270848583	GAP
270848393	GAP
270848179	GAP
5837 Crest Rd	GAP
Res 20	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
VEST, SAFETY CLASS 2, 6 POCKET	GAP
270848583	GAP
270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848179	GAP
270848021	GAP
RES 20	GAP
270848245	GAP
270847593	GAP
270848310	GAP
270848294	GAP

270848120	GAP
FASTNAL BLANKET FOR THE YEAR 2	GAP
270848583	GAP
270848393	GAP
270848179	GAP
GEAR DUFFLE BAG(CWSCO) - NAVY,	GAP
SWEEPING SERVICES PALOS VERDES	GAP
SWEEPING SERVICES PALOS VERDES	GAP
SWEEPING SERVICES PALOS VERDES	GAP
270848443	GAP
270848419	GAP
270848252	GAP
270848021	GAP
RCL V#01475626	GAP
BLANKET P.O. FORKLIFT YEAR END	GAP
28 BLAZE CONE 7LBS W/WEIGHTED	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
270848583	GAP
Behind 27010 Sunnyridge Rd, RP	GAP
RES 13 Spur Ln&Portuguese Bend	GAP
Bandana, CoolSleeve	GAP
270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848179	GAP
270848021	GAP
Station 15 Hillside	GAP
GEAR DUFFLE BAG(CWSCO) - NAVY,	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
Returns vending items	GAP
BATT, GLVS, GLASSES, HDLAMPS	GAP
FAOM NITR, SMOKE EYEWARE	GAP
Foam Nitr, MixStick, Gloves,	GAP
DELINEATOR (TYPE 2), 42" OPEN	GAP
270848583	GAP

270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848179	GAP
270848021	GAP
Trim and Haul weed	GAP
270848245	GAP
270847593	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
270848310	GAP
270848294	GAP
270848120	GAP
RCL V#01448958	GAP
270848583	GAP
270848393	GAP
270848179	GAP
270848443	GAP
270848419	GAP
270848252	GAP
270848021	GAP
Trim and Haul weed	GAP
Trim and Haul weed	GAP
PV (122) Printing Services	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
270848583	GAP
270848179	GAP
270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848021	GAP
270848245	GAP
270847593	GAP
270848310	GAP
270848294	GAP
270848120	GAP
270848583	GAP
270848393	GAP

270848179	GAP
VEST, SAFETY CLASS 2, 6 POCKET	GAP
270848443	GAP
270848419	GAP
270848252	GAP
270848021	GAP
VEST, SAFETY CLASS 2, 6 POCKET	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
Fence Replacement	GAP
270848583	GAP
PV Sta 22	GAP
270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848179	GAP
270848021	GAP
Palos Verde	GAP
Palos Verde	GAP
Palos Verde	GAP
Palos Verde	GAP
270848310	GAP
270848294	GAP
270848245	GAP
270848120	GAP
270847593	GAP
270848583	GAP
270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848179	GAP
270848021	GAP
RAIN JACKET- ICON 3.1 LTE, CLA	GAP
ADDITIONAL FORKLIFT WORK OUTSI	GAP
ADDITIONAL FORKLIFT WORK OUTSI	GAP
ADDITIONAL FORKLIFT WORK OUTSI	GAP
270848245	GAP
270847593	GAP
270848583	GAP

270848310	GAP
270848294	GAP
270848120	GAP
270848443	GAP
270848419	GAP
270848393	GAP
270848252	GAP
270848179	GAP
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270848583	GAP
270848393	GAP
270848245	GAP
270848179	GAP
270847593	GAP
Palos Verdes	GAP
270848310	GAP
270848294	GAP
270848120	GAP
270848443	GAP
270848419	GAP
270848252	GAP
270848021	GAP
JAN'20-MAY'20 AVER (EST) ACCL	NVS
JAN'20-MAY'20 AVER (EST) ACCL	NVS
DEC'19-APR'20 AVER (EST) ACCL	NVS
DEC'19-APR'20 AVER (EST) ACCL	NVS
NOV'19-MAR'20 AVER (EST) ACCL	NVS
NOV'19-MAR'20 AVER (EST) ACCL	NVS
OCT'19-FEB'20 AVER (EST) ACC	NVS
OCT'19-FEB'20 AVER (EST) ACC	NVS
SEP'19-JAN'20 AVER (EST) ACC	NVS
SEP'19-JAN'20 AVER (EST) ACC	NVS
AUG'19-DEC'19 AVER (EST) ACC -	NVS
AUG'19-DEC'19 AVER (EST) ACC -	NVS
JUL'19-DEC'19 AVER (EST) ACC -	NVS
AMERICAN ARBOR CARE	NVS
AMERICAN ARBOR CARE	NVS
AMERICAN ARBOR CARE	NVS
AMERICAN ARBOR CARE	NVS
FASTENAL COMPANY	NVS
FASTENAL COMPANY	NVS
Non-MCBA Power(PGE & SCE Invoi	NVS
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Non-MCBA Power(PGE & SCE Invoi	NVS







Accrue Unmatched PO Receipts	GPO
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THE HOME DEPOT #8529	NVS
THE HOME DEPOT #8529	NVS
HARBOR FREIGHT TOOLS 600	NVS
LEVIS OUTLET 224	NVS
THE HOME DEPOT 1014	NVS
76 - SEI 37961	NVS
WAL-MART #1826	NVS
WAL-MART #1826	NVS
AUTOPAY/DISH NTWK	NVS
NELSONS ACE HARDWARE	NVS
PRIMARY COLOR	NVS
NELSONS ACE HARDWARE	NVS
SHANNON VILLAGE MARKET	NVS
TARGET 00014175	NVS
NAPA AUTO PRTS SELMA	NVS
BOOT BARN #235	NVS
NELSONS ACE HARDWARE	NVS
SURF THRU VISALIA 1	NVS
THE HOME DEPOT #8529	NVS
THE HOME DEPOT #8529	NVS
HARBOR FREIGHT TOOLS 600	NVS
LEVIS OUTLET 224	NVS
THE HOME DEPOT 1014	NVS
76 - SEI 37961	NVS
WAL-MART #1826	NVS
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NELSONS ACE HARDWARE	NVS
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SHANNON VILLAGE MARKET	NVS





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JACKS REFRIGERATION INC	NVS
EMPIRE SAFETY & SUPPLY	NVS
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2022 WAREHOUSE JANITORIAL SERV	GAP
RCL V#01622597	GAP
EMERGENCY REPAIR TO SONITROL S	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
Apparel	GAP
REQUIRED ADDITIONAL SERVICE LA	GAP
REQUIRED ADDITIONAL SERVICE LA	GAP
JORGENSEN EXTINGUISERS ANNUAL	GAP
RCL V#01620302	GAP
REPLACEMETN OF CONDENCER FAN I	GAP

2022 WAREHOUSE JANITORIAL SERV	GAP
ICE MACHINE MAINTENANCE/REPAIR	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
STATION 4 REMOVAL AND STUMP GR	GAP
VEHICLE FIRST AID KIT #10, PAC	GAP
APPAREL	GAP
SONITROL ER REPAIR TO WAREHOUS	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
28 BLAZE CONE 7LBS W/WEIGHTED	GAP
18 BLAZE CONE 3LBS W/WEIGHTED	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
6' INTERNAL SHOCK ABSORBING 10	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
TREE TRIMING STATION 7, 11 AND	GAP
APPAREL	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
APPAREL	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
RCL V#01594907	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
SEL (117) Printing Services	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
SHIRT-HIGH VISIBILITY ANSI CLA	GAP
VEST, SAFETY CLASS 2, 6 POCKET	GAP
APPAREL	GAP
MARCH 2022	GAP
SIGN-"SODIUM HYPOCHLORITE" 10"	GAP
SEL (117) Printing Services	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
SAFETY ORANGE ENHANCED SWEATSH	GAP
SAFETY ORANGE ENHANCED RAIN JA	GAP
SAFETY ORANGE PREMIUM BOMBER J	GAP
SAFETY GREEN ENHANCED SWEATSHI	GAP
February 2022	GAP
2022 WAREHOUSE JANITORIAL SERV	GAP
2022 WAREHOUSE PEST CONTROL BI	GAP
SAFETY GREEN ENHANCED SWEATSHI	GAP
SAFETY GREEN ENHANCED SWEATSHI	GAP
RAIN JACKET- ICON 3.1 LTE, CLA	GAP

DECEMBER 2021	GAP
2021 WAREHOUSE JANITORIAL SERV	GAP
AC_EST APR'22-AUG'22 AVER ACCR	NVS
AC_EST APR'22-AUG'22 AVER ACCR	NVS
AC_EST MAR'22-JUL'22 AVER ACCR	NVS
AC_EST MAR'22-JUL'22 AVER ACCR	NVS
AC_EST FEB'22-JUN'22 AVER ACCR	NVS
AC_EST FEB'22-JUN'22 AVER ACCR	NVS
AC_EST JAN'22-MAY'22 AVER ACCR	NVS
AC_EST JAN'22-MAY'22 AVER ACCR	NVS
AC_EST DEC'21-APR'22 AVER ACCR	NVS
AC_EST DEC'21-APR'22 AVER ACCR	NVS
AC_EST NOV'21-MAR'22 AVER ACCR	NVS
AC_EST NOV'21-MAR'22 AVER ACCR	NVS
AC_EST OCT'21-FEB'22 AVER ACCR	NVS
AC_EST OCT'21-FEB'22 AVER ACCR	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
EMPIRE SAFETY & SUPPLY	NVS
EMPIRE SAFETY & SUPPLY	NVS
EMPIRE SAFETY & SUPPLY	NVS
DROPLET TECHNOLOGIES LLC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
EMPIRE SAFETY & SUPPLY	NVS
EMPIRE SAFETY & SUPPLY	NVS
DROPLET TECHNOLOGIES LLC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
JACKS REFRIGERATION INC	NVS
PROMOVENTURES	NVS
PROMOVENTURES	NVS
PROMOVENTURES	NVS
JORGENSEN COMPANY	NVS
JORGENSEN COMPANY	NVS
SONITROL	NVS
PROMOVENTURES	NVS
SONITROL	NVS
PROMOVENTURES	NVS



PROMOVENTURES	NVS
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PROMOVENTURES	NVS
PROMOVENTURES	NVS
002164	GEX
000626	GEX
002164	GEX
002685	GEX
000461	GEX
000461	GEX
001414	GEX
000461	GEX
002685	GEX
000646	GEX
UNDERGROUND SERVICE ALERT OF S	NVS
UNDERGROUND SERVICE ALERT OF S	NVS
UNDERGROUND SERVICE ALERT OF S	NVS
UNDERGROUND SERVICE ALERT OF S	NVS
UNDERGROUND SERVICE ALERT OF S	NVS
UNDERGROUND SERVICE ALERT OF S	NVS
UNDERGROUND SERVICE ALERT OF S	NVS
USA NORTH 811	NVS
USA NORTH 811	NVS
NEW TICKET CHARGES	GAP
CA FEE FOR REG COSTS & BILLS	GAP
NEW TICKET CHARGES	GAP
CA FEE FOR REG COSTS	GAP
CA FEE FOR REG COSTS & BILL	GAP
NEW TICKET CHARGES	GAP
CA STATE FEE REG. COSTS	GAP
MONTHLY FEE & NEW TICKETS	GAP
CA FEE FOR REG COSTS	GAP
CWS04 NEW TICKET CHARGES	GAP
CWS04 NEW TICKET CHARGES	GAP
CA FEE FOR REG COSTS	GAP
CWS04 NEW TICKET CHARGE	GAP
CA FEE REG COSTS	GAP
CAL STATE FEE REG COSTS	GAP

CA FEE FOR REG COSTS	GAP
CA FEE FOR REG COSTS	GAP
CA FEE REG COSTS	GAP
CWS04 NEW TICKET CHARGE	GAP
CA FEE FOR REG COSTS	GAP
CWS04 NEW TICKET CHARGE	GAP
CWS04 New ticket charges	GAP
Regulatory Fees	GAP
AC_EST FEB'21-JUN'21 AVER ACCR	NVS
AC_EST FEB'21-JUN'21 AVER ACCR	NVS
JAN'21-MAY'21 AVER (EST) ACCRL	NVS
JAN'21-MAY'21 AVER (EST) ACCRL	NVS
DEC'20-APR'21 AVER (EST) ACCRL	NVS
DEC'20-APR'21 AVER (EST) ACCRL	NVS
NOV'20-MAR'21 AVER (EST) ACCRL	NVS
NOV'20-MAR'21 AVER (EST) ACCRL	NVS
OCT'20-FEB'21 AVER (EST) ACCRL	NVS
OCT'20-FEB'21 AVER (EST) ACCRL	NVS
Inventory Reserve	NVS
Inventory Reserve	NVS
Inventory Reserve	NVS
Inventory Reserve	SCP
Trans & Dist Line Expense	NVS
Trans & Dist Line Expense	NVS
Trans & Dist Line Expense	NVS
Trans & Dist Line Expense	NVS
Trans & Dist Line Expense	NVS
000429	GEX
000430	GEX
000430	GEX
000429	GEX
000429	GEX
000429	GEX
000430	GEX
ANNUAL FEE	GAP
CURRENT QUARTERLY FEE	GAP
INSTALLATION EXPENSE	GAP
INSTALLATION EXPENSE	GAP
AC_EST APR'22-AUG'22 AVER ACCR	NVS
AC_EST APR'22-AUG'22 AVER ACCR	NVS
AC_EST MAR'22-JUL'22 AVER ACCR	NVS
AC_EST MAR'22-JUL'22 AVER ACCR	NVS
AC_EST FEB'22-JUN'22 AVER ACCR	NVS
AC_EST FEB'22-JUN'22 AVER ACCR	NVS





















**Attachment 2-11:  
Customer Accounting Non-Recurring  
Expenses for Removal**

SOE01-14

Code	District Name	Account	Account Description	2019	2020	2021	2022	2023
129	Antelope Valley	773402	Customer Records-Equip Maint	711.62	50.32	0	0	0
129	Antelope Valley	774100	Other Stationary & Printing	0	57.25	0	0	0
101	Bakersfield	771000	Supervision	-164.43	0	0	0	0
101	Bakersfield	773100	Office Salaries	3519.76	0	0	0	0
152	Bayshore	773100	Office Salaries	64388.82	22728.43	0	0	0
102	Bear Gulch	773100	Office Salaries	4456	-316	0	0	0
104	Chico	774204	Telephone-Leased Lines	0	0	1714.19	0	0
105	Dixon	774100	Other Stationary & Printing	0	57.25	300.82	0	0
128	Dominguez	773402	Customer Records-Equip Maint	12460.7	882	0	0	0
128	Dominguez	774203	Telephone-Telemeter	-836.24	0	0	0	0
106	East Los Angeles	773100	Office Salaries	0	0	1344	0	0
108	Hermosa Redondo	773402	Customer Records-Equip Maint	6865.32	485.93	0	0	0
108	Hermosa Redondo	774100	Other Stationary & Printing	4249.65	0	0	0	0
108	Hermosa Redondo	774201	Telephone-General	0	73.06	-39.06	0	0
108	Hermosa Redondo	774202	Telephone-Cellular	962.85	253.88	0	0	0
134	Kern River Valley	773402	Customer Records-Equip Maint	1660.51	482.17	0	0	0
134	Kern River Valley	774100	Other Stationary & Printing	298.64	140.32	0	0	0
109	King City	773402	Customer Records-Equip Maint	920.95	65.26	0	0	0
109	King City	774204	Telephone-Leased Lines	0	0	1347.73	0	0
110	Livermore	773100	Office Salaries	1387.49	-69.29	0	0	0
111	Los Altos	773100	Office Salaries	28122.26	3040	0	0	0
112	Marysville	772000	Meter Reading Expense	0	0	0	15.61	49.15
122	Palos Verdes	774100	Other Stationary & Printing	4880.94	0	0	0	0
114	Salinas	773100	Office Salaries	29154.07	-1215.26	0	0	0
119	Stockton	773100	Office Salaries	0	34657.01	0	0	0
119	Stockton	773401	Customer Records-Equip Rentals	0	0	0	32	125.43
120	Visalia	773100	Office Salaries	507.89	-507.89	0	0	0
121	Willows	772000	Meter Reading Expense	214.48	0	0	0	0
330	Customer Support Services	773100	Office Salaries	873.6	-873.6	0	0	0
149	Coast Springs	773402	Customer Records-Equip Maint	125.46	8.89	0	0	0
147	Lucerne	774100	Other Stationary & Printing	0	0	0	0	352.25
147	Lucerne	774200	Telephone & Telegraph	-195.19	0	0	0	0
147	Lucerne	774400	Flat Rate Inspection	0	0	0	230	0
157	Travis AFB	774200	Telephone & Telegraph	6.26	499.78	0	0	0
157	Travis AFB	774201	Telephone-General	0	0	0	191.52	1416.64
157	Travis AFB	774203	Telephone-Telemeter	0	0	0	0	608.56
157	Travis AFB	774204	Telephone-Leased Lines	630.23	521.26	0	0	0
157	Travis AFB	774300	Other Utility & Janitorial	0	0	0	1292	2587.59
151	Rancho Dominguez	772000	Meter Reading Expense	0	0	616.82	0	402.24
151	Rancho Dominguez	773403	Customer Records-Software	0	0	0	0	3347.59
151	Rancho Dominguez	774201	Telephone-General	0	0	1987.84	0	0
151	Rancho Dominguez	774204	Telephone-Leased Lines	0	0	3690.96	-2153.02	0
146	Redwood Valley	773403	Customer Records-Software	0	0	0	0	3347.57
146	Redwood Valley	774100	Other Stationary & Printing	0	0	0	0	298.73
146	Redwood Valley	776000	Customer Acct Allocation	0	0	545.73	1198.98	0

**Attachment 2-12:  
Cal Water's Response to Cal Advocates  
Data Request CR8-008**



**RESPONSE TO DATA REQUEST**

**2024 GENERAL RATE CASE, A.24-07-003**

To: **Public Advocates Office**

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Date: <b>October 25, 2024</b>	Request Received from CPUC: <b>October 17, 2024</b>
Re: <b>CR8-008</b>	Requested Due Date: <b>October 23, 2024 [7 days]</b>
Subj: <b>Purchased Services – Customer Accounting</b>	<b>Extension Requested to: October 25, 2024</b>

Comments:

- **Second and final response. Additions are in blue font.**
- **Response provided by Rates.**
- **Does not contain confidential information.**
- **This response refers to the following attachments included separately:**
  - **CR8-008 Attachment #1 - Question 1**
  - **CR8-008 Attachment #2 - Question 5.b**
  - **CR8-008 Attachment #3 - Question 5.b**
  - **CR8-008 Attachment #4 - Question 6.a.ii**



- CR8-008 Attachment #5 - Question 6.a.iii
- CR8-008 Attachment #6 - Question 6.c
- CR8-008 Attachment #7 - Question 6.g.ii
- CR8-008 Attachment #8 - Question 6.g.ii
- CR8-008 Attachment #9 - Question 6.h.ii
- CR8-008 Attachment #10 - Question 6.e.iv

## Data Requests and Responses

### **Historical Data:**

Please refer to Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec OM Exp”, tab “SD\_Rec O&M.”

1. Attachment 1 to this request contains a segment of purchased services for customer accounting (SOE2-14) annual totals for 2019-2023 from the above-referenced workpaper. Please provide, in Excel format, the General Ledger to support all visible cell entries in Attachment 1.

**Response: Please see CR8-008 Attachment #1 - Question 1.**

### **Adjustments:**

Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section H “Customer Accounting” and Cal Water’s workpaper “Y\_CH05\_OM\_SD\_Rec\_OM Exp”, tab “Trf-Adj O&M WS-2.”

2. Page 74 of the testimony states that Cal Water adjusted purchased services for customer accounting by \$279,000 annually from 2019-2020 to reflect savings from its Hyperion upgrade and Enterprise Reporting and Analysis. However, the above-referenced workpaper shows a \$279,000 reduction in expenses annually from 2019-2021 (cells 325I-325K and 355I -355K).
  - a. Please clarify whether Cal Water adjusted purchased services for customer accounting annually during a two-year period (2019-2020), or a three-year period (2019-2021) and explain the discrepancy between the testimony and workpaper dates.

**Response: The Hyperion upgrade (PID 100031) closed in 2017 and the Enterprise Reporting and Analysis project (PID 99346) closed in 2019, which means that the first full year of savings for each project would have been realized in 2018 and 2020, respectively. The Hyperion Upgrade savings are fully reflected in recorded expenses and the Results of Operations Model (ROM) should not have an adjustment of \$207,000. The Enterprise Reporting and Analysis savings are reflected in recorded years 2020-2023, therefore only 2019 should be adjusted in ROM to remove \$72,000 for the savings. Cal Water will make these adjustments as part of rebuttal.**

- b. Please specify what customer accounting expenses the Hyperion upgrade and the Enterprise Reporting and Analysis reduced, or otherwise explain how Cal Water calculated the savings amount. In pdf format, provide invoices and any other documentation supporting the reduction amount.

**Response: Both of these projects and their savings were adopted as part of the 2015 GRC. The adjustments were made to 2018-2020 and carried forward to the 2018 GRC where the recorded years were 2013-2017 and the 2021 GRC where the**





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**recorded years were 2016-2020. The Rates Analyst who worked on these adjustments for the 2015 and 2018 GRCs is no longer with Cal Water and unavailable to provide the support that was used.**

- c. Please explain why the reduction in expenses did not continue to 2023.

**Response: Please refer to the response in part a of this question.**

Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section H “Customer Accounting” and Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments.”

- 3. Page 74 of the testimony states Cal Water anticipates savings of \$65,000 in customer accounting expenses from the East Los Angeles (LA) Water Quality Lab, and the savings will start in 2027.

- a. Please specify what purchased services for customer accounting expenses will be reduced or saved due to the East LA Water Quality Lab or otherwise explain how Cal Water calculated the anticipated savings amount. Provide invoices and any other documentation that supports the anticipated \$65,000 savings.

**Response: Cal Water provided the support below in response to data request LCN-007 question 1 part c for the 2021 GRC. However, after further review, it appears that this is not a CSS expense savings, but rather an expense that the East Los Angeles district office would allocate to CSS after the lab is fully staffed and operational. The \$65,000 savings adjustment should be removed in ROM.**

	A	B	C	D	E	F	G	H	I	J	K
1	<b>Annual Expense Amounts from Data Assumptions tab</b>										
2											
3	Allocated Rent Expense from Tubeway:	18.00	per sq ft	\$55,800.00	<i>*per ELA rent analysis performed for Rates and Customer Service in January of this year</i>						
4	Allocated Telephone Expense from Tubeway:	2,975.55	per employee	8,926.66	<i>*per ELA rent analysis performed for Rates and Customer Service in January of this year</i>						
5	Allocated Office Supplies Expense from Tubeway:	131.36	per employee	394.09	<i>*per ELA rent analysis performed for Rates and Customer Service in January of this year</i>						
6	Allocated GO Building Expense for Tubeway:	23.41	per employee	70.24	<i>*per ELA rent analysis performed for Rates and Customer Service in January of this year</i>						
7				\$65,190.99							
8											

- b. How many months after the lab completion does Cal Water expect the lab to facilitate the activities that will result savings?

**Response: Please see the response to part a of this question.**

- c. Please explain why the anticipated customer accounting expense savings due to the lab are recorded in the workpapers under Customer Support Services rather than the East LA district.

**Response: Please see the response to part a of this question.**

Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section H “Customer Accounting.”

- 4. Page 75 of the testimony states that Cal Water uses a three-year inflation adjusted average to forecast for software expense, and that years 2021-2023 reflect "anticipated software expenses for the GRC cycle." Please provide the location in Cal Water’s workpapers where this adjustment is made. Be sure to include the file name, tab name, and cell locations.

**Response: The adjustment is made in cells S6265 and U6265 in the Adj O&M Esc Rec+Fcst - CWS WS-5 tab of the Y\_CH05\_OM\_SD\_Rec OM Exp file.**

Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section H “Customer Accounting,” Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments,” and to Preliminary Statement BE – Lead and Copper Rule Memorandum Account (“LCMA”).



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5. Page 75 of the testimony states that Cal Water anticipates \$852,000 per year for the costs of inventory customer service lines for lead. However, the workpaper shows a total of \$895,100 per year for service line inventory, reproduced in the table below:

District Code	District Name	SOE Description	2026
129	Antelope Valley	SOE01-14	37700
152	Bayshore	SOE01-14	112050
101	Bakersfield	SOE01-14	50700
104	Chico	SOE01-14	72450
105	Dixon	SOE01-14	50700
134	Kern River Valley	SOE01-14	90050
111	Los Altos	SOE01-14	56550
110	Livermore	SOE01-14	56250
108	Hermosa Redondo	SOE01-14	56850
122	Palos Verdes	SOE01-14	56850
123	Westlake	SOE01-14	54600
146	Redwood Valley	SOE01-14	0
117	Selma	SOE01-14	53100
114	Salinas	SOE01-14	47600
120	Visalia	SOE01-14	56850
149	Coast Springs	SOE01-14	8234.879
147	Lucerne	SOE01-14	22413.58
650	Unified Area	SOE01-14	12151.54
	TOTAL		895100

- a. Please explain the discrepancy between the \$895,100 total shown in the workpaper and the \$852,000 amount in testimony. If these two amounts reflect different adjustments, please explain what the \$895,100 is for and indicate where Cal Water has made the \$852,000 adjustment in its workpapers.  
**Response: The \$852,000 in testimony inadvertently excluded the projected service line inventory expenses for Coast Springs, Lucerne and Unified Area. The total adjustments equal \$895,100.**
- b. Please provide, in Excel format, the source calculations for the hardcoded values in the above table/workpaper excerpt.  
**Response: Attached please see files CR8-008 Attachment #2 - Question 5.b and CR8-008 Attachment #3 - Question 5.b. However, we will be receiving an updated estimate to the number of services and cost per service from our consultant by the end of this year. Cal Water will forward the updated estimate when we receive it.**
- c. If the source calculations in response to question 5.b. are supported by past invoices, please provide the invoices in pdf format.  
**Response: The source calculations are not supported by past invoices.**
- d. The LCMA preliminary statement states that the LCMA tracks incremental expenses that are not otherwise covered in the revenue requirement, but are required for Cal Water to comply with federal Lead and Copper Rule Revisions (“LCRR”). Please explain



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why the service line expenses are not considered incremental expenses required for compliance with the LCRR and therefore not requested for recovery via the LCMA.

**Response: January 1, 2026, will be “incremental to rates” because the costs were not included in the revenue requirements adopted for years 2023-2025 in the 2021 GRC. Therefore, Cal Water will request recovery for LCMA costs incurred before December 31, 2025 by asking to amortize the memo account.**

**When costs can be forecasted for an upcoming GRC period, however, they are put into GRC rates. Costs that are put into GRC rates will no longer be considered “incremental to rates” and will not be tracked in a memo account.**

Please refer to Cal Water’s Testimony Book #1, Chapter 4, Section H “Customer Accounting” and Cal Water’s workpaper “CH05\_OM\_FDR\_Other\_OM”, tab “SD\_Misc Adjustments.”

6. Page 75 of the testimony lists anticipated categories of expense for eight different customer support service projects. Please answer the following questions regarding each of these projects with their annual amounts from the workpaper:

a. CAD licenses for existing Engineers - \$198,000:

- i. How many CAD licenses does Cal Water currently have? Please provide the number of CAD licenses used by each ratemaking district.

**Response: Cal Water currently has 109 CAD licenses consisting of the following software:**

1. Civil 3D – 6 licenses
2. AutoCAD - 37 licenses
3. AutoCAD LT – 40 licenses
4. AEC Collection - 26 licenses

The AEC Collection includes the following software:

- a. Civil 3D
- b. AutoCAD
- c. Revit
- d. Infracore
- e. Navisworks
- f. Plus others

- ii. For each CAD license, please provide a use log or other documentation indicating the frequency of use by engineering staff.

**Response: Please see attached CR8-008 Attachment #4 - Question 6.a.ii.**

- iii. How much does each CAD license cost?

**Response: The average cost per license is \$855.36 annually. See attached CR8-008 Attachment #5 - Question 6.a.iii for support for the table below:**

- iv. How many CAD licenses does Cal Water plan to purchase and/or renew during the period from 2026 through 2028?

**Response: Cal Water plans to renew all 109 current licenses and does not plan to purchase any additional licenses.**

b. 10 Bluebeam software floating network licenses for Engineering - \$13,000:



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- i. Indicate whether the 10 Bluebeam licenses are purchases or renewals.  
**Response: Cal Water originally purchased 10 floating licenses for BlueBeam as a pilot project. Since then, we purchased 110 individual user seats for continuous use.**
- ii. Please describe the task(s) to be performed with Bluebeam that the engineers cannot perform with CAD.  
**Response: BlueBeam and AutoCAD are much different programs. Our Engineering Technicians use AutoCAD to create construction level drawings for projects. BlueBeam is used by Technicians and Engineers as a PDF viewer and markup tool. BlueBeam is now our main tool for electronic drawing markups in PDF format.**

c. Governance, Risk & Compliance app for internal audit, ESG, EA functions annual subscription costs - \$35,000: Please provide invoices, in pdf format, to support the \$35,000 estimate.

**Response: Please see attached CR8-008 Attachment #6 - Question 6.c.**

d. Zero trust security model subscription fee - \$280,000:

- i. How often does Cal Water need to pay this subscription fee?  
**Response: The subscription fee is an annual expense.**
- ii. Please provide invoices, in pdf format, to support the \$280,000 per year estimate.  
**Response: We don't have an invoice because we haven't incurred the expense, however below is a quote.**

Year 1	
Product Description	Customer Extended Price
<ul style="list-style-type: none"> <li>• Varonis Systems: 1501 DatAdvantage Cloud framework SaaS subscription for 12 Months</li> <li>• Varonis Systems: 1501 DatAdvantage Cloud for Okta SaaS subscription for 12 Months</li> <li>• Varonis Systems: 2 Collector License for 12 Months</li> <li>• Varonis Systems: 1501 Varonis for Windows/NAS + M365 SaaS subscription for 12 Months</li> <li>• Varonis Systems: 1501 Varonis for Active Directory SaaS subscription for 12 Months</li> </ul>	USD 281,704.61
<b>Year 1 TOTAL:</b>	USD 281,704.61

- e. Implement a Digital Twin data analytics system, across the major Cal Water treatment plants, to support production facilities operations optimization - \$200,000:
  - i. Please explain whether the Digital Twin data analytics system will replace an existing data analytics system.  
**Response: No, it will not. Cal Water does not currently have a Digital Twin in production or a comparable technology.**
  - ii. What is the cost of the Digital Twin system?  
**Response: The approximate cost to implement is \$1,069,200.**
  - iii. Please indicate how many treatment plants will implement the Digital Twin system and the cost of implementing the system at each plant.  
**Response: Targeting to implement the technology across two larger plants by leveraging economy of scale and similarity in operations. Planning to split the cost evenly across these plants.**



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- iv. Please provide invoices or other documentation to support Cal Water's estimated expenses for the Digital Twin system.

**Response: Cal Water is in the process of acquiring a written estimate for supporting this cost and will provide it on October 25, 2024.**

**Partial Response #2: Attachment CR8-008 Attachment #10 - Question 6.e.iv is documentation from a qualified contractor supporting the Digital Twin licensing and support costs for a medium-scale deployment utilizing and AVEVA Digital Twin. Cal Water is currently using a combination of manual and automated instrumentation within the larger scale water treatment systems to measure constituent levels to provide appropriate levels of clean water to its service connections, and data is tracked through the AVEVA PI platform. The proposed AVEVA Digital Twin and existing AVEVA PI Platform integrate effectively. Cal Water inadvertently estimated \$200,000 annually for this project and will adjust it down to \$80,000 a year starting in 2027.**

- f. Implement Virtual Reality (“VR”) technology to support employee higher retention for safety and water system equipment operation training - \$18,000:

- i. Please summarize Cal Water's existing safety and water system equipment operation training program(s) and provide documentation of current training program expenses.

**Response: The Safety department leverages traditional in-person training, training delivered electronically through an internal learning management system, and they maintain a document database of training programs and procedures. Please refer to accounts 792603, 794300, and 798201 in the Rec O&M WS-1 tab of the Y\_CH05\_OM\_SD\_Rec OM Exp file for recorded training expenses.**

- ii. Please describe the factor(s) Cal Water considered in determining that the VR technology is needed to increase employees' retention of safety and water system operation training.

**Response: Implement VR technology to support employee higher retention for safety training and water system equipment operation training, by leveraging all four major learning styles (visual, auditory, reading/writing, kinesthetic). This tool is intended to complement other existing training delivery methods.**

- iii. Please identify the specific VR equipment hardware, software (if separate), and number of units that are the basis for Cal Water's \$18,000 per year estimate.

**Response: This will only fund the annual user licensing and technical support from the VR technology provider. We are starting with licensing for 51-100 users.**

- g. Replacing on premise Mitel Phone system with service in the cloud annual licensing subscription fee - \$330,000:

- i. Please describe what benefit(s) the service in the cloud system provides over the existing on-premise system.

**Response: The cloud solution will provide the following benefits:**

1. No upfront hardware costs



## CALIFORNIA WATER SERVICE COMPANY

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2. **Ability to scale up or down with more connections as needed**
  3. **Improved security**
  4. **Disaster recovery with no downtime**
  5. **Boosted productivity anywhere employees go**
  6. **Free up IT resources with less involvement on support and maintenance**
- ii. Please indicate the location in Cal Water’s workpapers where the reduction in expenses is made to account for phasing out the Mitel Phone system.  
**Response: Cal Water inadvertently missed the expense savings associated with the phasing out of the Mitel Phone system. The savings should be:**
1. **See attachment CR8-008 Attachment #7 - Question 6.g.ii.**
  2. **Attachment CR8-008 Attachment #8 - Question 6.g.ii.**

**Cal Water will reflect these savings in ROM contingent on the outcome of the phasing out of the Mitel Phone system cost.**

- h. Service desk upgrade cloud license fee - \$280,000:
- i. Please indicate the frequency and amount of the actual service desk upgrade license fee, if different from the estimated \$280,000 per year.  
**Response: The frequency and amount of the actual service desk upgrade license fee is one-time during the implementation for the first year.**
  - ii. Please provide invoices, in pdf format, to support the \$280,000 estimate.  
**Response: Please see attached CR8-008 Attachment #9 - Question 6.h.ii.**

**Attachment 2-13:  
Cal Water's Response to Cal Advocates  
Data Request CR8-008  
Attachment #4 - Question 6.a.ii**



hashed_autodesk_id	first_name	last_name	email	autodesk_id	team_alias	group	offering_name	version	seat_assignment	assigned_date	unassigned_date	user_activity	days_inactive	access_option	days_used	monthly_averge	tokens_used	last_accessed
524272fe90acac440a29c15141050a85664	An	Ma	ama@calwater.com	amaE3MC	Steve Valline - 7070	MPR	Architecture Engineering & Construction Collection		2022 assigned	2022-02-09T16:39:33Z		active		Subscription	19	2		2024-10-02
906a44a7948b2e09e2261f5ee75026501502c	Michael	Serna	Aserna@calwater.com	AsernaEMZCL	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2022-10-13T15:50:19Z		inactive	739	Subscription	0	0		
c3c941c2e5d9e73040ee74467313e0d0406	Alison	Wong	awong@calwater.com	awongMEYTT	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		2022 assigned	2021-07-19T23:00:43Z		active		Subscription	3	0.3		2024-07-12
9607e680716e487c9b9bc05608035711010039c	Brad	Lee	blee@calwater.com	bleeE14TPC	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		2023 assigned	2023-08-24T16:51:17Z		active		Subscription	3	0.3		2024-06-04
5839134da615733132b6e76a4c732a225363	Brian	Nunez	bnunez@calwater.com	bnunezSLCAL	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		assigned	2021-07-20T00:55:47Z		inactive		Subscription	0	0		2023-09-21
17183604858778cc3a3e76dd5d775d7876c73a	Byrce	Reed	breed@calwater.com	breedVCL6C	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets	2025, cloud	assigned	2024-09-26T16:58:20Z		active		Subscription	1	0.1		2024-09-26
0861c636939236e9e9f5ee5eb70665057742	Bailey	Scholer	bscholer@calwater.com	bscholerWZSAE	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2023-06-16T16:12:52Z		inactive	335	Subscription	0	0		2023-11-21
8dc2e89955483682428c0e0ca99567983397	Brid	Willifey	bwilifey@calwater.com	bwilifey	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		2023 assigned	2021-07-20T00:55:56Z		active		Subscription	1	0.1		2024-05-03
e5bd10059af8e1228e54205c282c2625687	Eric	Van Der Hope	evanderhope@calwater.com	Calwater	Steve Valline - 7070	Capital Delivery Technicians	Architecture Engineering & Construction Collection	2022, cloud	assigned	2021-07-19T23:05:21Z		active		Subscription	186	19.2		2024-10-21
ca8c1ca4e37474ee0061b812a30f28c772098	Clyde	Anucan	carucan@calwater.com	canucan	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		assigned	2021-07-20T00:56:17Z		inactive	1035	Subscription	0	0		2021-12-21
fe66474a1718ad48a8cbcf69da92082d0f5b26c	Christine	Chou	cchou@calwater.com	cchouZWI73	Steve Valline - 7070	District Ops Clerks	Civil 3D		2022 assigned	2023-08-08T15:45:04Z		active		Subscription	35	3.6		2024-03-19
fe66474a1718ad48a8cbcf69da92082d0f5b26c	Christine	Chou	cchou@calwater.com	cchouZWJ73	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		assigned	2023-08-08T14:27:01Z		inactive	440	Subscription	0	0		
8830f34474e9a9a8a8b8a9f23631a9640b0	Caroline	MolossBenke	cmolossbenke@calwater.com	cmolossbenke	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2024-10-19T00:22:36Z		active		Subscription	0	0		
9f8692724da3c7d13a9953979ba4609e76e09	Criss	Rosette	crossette@calwater.com	crossetteHVOR2	Steve Valline - 7070	Non-Tech C3D Users	AutoCAD LT		2022 assigned	2022-04-03T20:05:15Z		active		Subscription	145	15		2024-09-18
9f8692724da3c7d13a9953979ba4609e76e09	Criss	Rosette	crossette@calwater.com	crossetteHVOR2	Steve Valline - 7070	Non-Tech C3D Users	Architecture Engineering & Construction Collection	2025, cloud	assigned	2021-08-20T15:34:18Z		active		Subscription	14	1.4		2024-10-10
2ac384db2c611c931f6e3411b077431470d0a28	Chad	Roth	croth@calwater.com	crothAEHFC	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		assigned	2018-11-12T22:48:13Z		inactive	521	Subscription	0	0		2023-05-19
bac13de06d938fad21e960c1aceae24f62050a	Carmelo	Scorce	csorce@calwater.com	csorce	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		assigned	2021-08-25T20:39:12Z		inactive	1153	Subscription	0	0		
04e908b4b362a2cfb020c704ca8e6c67824162	Dionne	Caceres	dcaceres@calwater.com	dcaceres3NUV4	Steve Valline - 7070	Capital Delivery Technicians	Architecture Engineering & Construction Collection	2025, cloud	assigned	2024-09-24T16:53:40Z		active		Subscription	17	1.8		2024-10-21
61a85b522cfe6a97e6bc4015d491c149315153	Daniel	Delahoussaye	delaahoussaye@calwater.com	delaahoussaye	Steve Valline - 7070	MPR	Architecture Engineering & Construction Collection		2022 assigned	2024-02-27T19:42:15Z	2024-04-23T00:01:57Z	active		Subscription	42	4.8		2024-10-16
320fa28faa952f995966a1451bfa5b4d46	Daniel	Heam	dheam@calwater.com	dheamHZJUD	Steve Valline - 7070		Architecture Engineering & Construction Collection		2022 unassigned			active		Subscription	60	6.2		2024-04-22
880015465d3a11186a99c11eadc3a065f718f0d	David	Le	dle@calwater.com	dleTBKZ6	Steve Valline - 7070	New Business Technicians	Architecture Engineering & Construction Collection	2022, 2025, cloud	assigned	2020-08-18T21:30:16Z		active		Subscription	195	20.1		2024-10-21
903f180750505ea7483843c755ecdc7c4d9390	Devi	Prasanna	dprasanna@calwater.com	dprasanna	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2021-07-20T00:57:53Z		inactive	1189	Subscription	0	0		
7729e2850a303a14914209f482c739f33662	Dane	Robertson	drobertson@calwater.com	drobertson8BWD	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		2022 assigned	2022-04-06T16:46:33Z		active		Subscription	38	3.9		2024-10-14
220305e8f3285a46e6e573a43a4c65445609a	David	Vela	dvela@calwater.com	dvelaT3JJ	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		2022 assigned	2023-06-21T23:29:52Z		active		Subscription	2	0.2		2024-04-25
92c13aada3f14271a1a1c1c023c9a77370e680a	Daniel	Wise	dwise@calwater.com	dwise@calwater.com	Steve Valline - 7070	Capital Delivery Technicians	Architecture Engineering & Construction Collection	2022, 2025, cloud	assigned	2018-11-12T22:48:13Z		active		Subscription	172	17.8		2024-10-21
478fe3f4d0f061b6118af699c8d047e97803d	Derick	Wong	dwong@calwater.com	dwong79FDX	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		2020 assigned	2021-07-26T19:38:43Z		active		Subscription	9	0.9		2024-07-13
04404946e21e1e452335c4750ed28f495866	Estevan	Hernandez	ehernandez@calwater.com	EhernandezA5C22	Steve Valline - 7070		AutoCAD LT		2020 unassigned		2024-08-21T00:00:46Z	active		Subscription	27	2.8		2024-07-09
9f537280012e3c27eae232b4764452e5650d5	ERIC	JACOBSEN	ejacobsen@calwater.com	ejacobsen@calwater.com	Steve Valline - 7070	MPR	Architecture Engineering & Construction Collection		2022 assigned	2019-11-12T22:48:13Z		active		Subscription	159	16.4		2024-10-21
1e4d8a9b98f802ac79151457542e2e699a9e	Ernesto	Jimenez	ejimenez@calwater.com	ejimenezJL52	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		2022 assigned	2023-04-11T21:04:43Z		active		Subscription	132	13.6		2024-10-21
0396e0451eae1e1a032d328a9edc6680e75e50	Ceja	fcjea@calwater.com	fcjea	Steve Valline - 7070			Civil 3D		2022 assigned	2023-02-08T19:38:43Z		active		Subscription	45	4.6		2024-10-11
a8f3dfc0c5e1e6f84807803ba62c3a20784d0	Stephen	Salazar	fsalazar@calwater.com	fsalazarA6UXG	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		2022 assigned	2021-03-08T17:27:05Z		active		Subscription	9	0.9		2024-09-04
3ba9a025f6e4209f6302671819e8f1e39f14	Gary	Bondoc	gbondoc@calwater.com	gbondocPKSVJ	Steve Valline - 7070	Engineers with AutoCAD	Architecture Engineering & Construction Collection	2025, cloud	assigned	2024-09-11T21:54:28Z		active		Subscription	12	1.2		2024-10-03
a638657857d8782a198b9e6018b40287870321	gurkaran	kaur	gkaur@calwater.com	gkaurLZ06	Steve Valline - 7070	Engineers with LT	AutoCAD LT		2023 assigned	2021-07-20T00:58:25Z		active		Subscription	2	0.2		2024-03-14
15f9c3e51a4df034f0078a70e58637468822	Gary	Winkler	gwinkler@calwater.com	gwinklerLVORJ	Steve Valline - 7070	Engineers with LT	AutoCAD LT		2022 assigned	2022-02-01T00:32:04Z		active		Subscription	15	1.5		2024-08-17
00381d3f5a81ca668c6f830ebc27d82976802	Hass	Adada	hadada@calwater.com	hadadaRZL0X	Steve Valline - 7070	Engineers with LT	AutoCAD LT		2022 assigned	2022-08-04T22:04:31Z		active		Subscription	40	4.1		2024-09-21
0b150255c774355b3a1966a2f28c4b5f93ff	Ivan	Messina	imessina@calwater.com	imessinaSHGRW	Steve Valline - 7070		Architecture Engineering & Construction Collection	2022, cloud	unassigned		2024-04-04T18:02:27Z	active		Subscription	57	5.9		2024-04-03
706f65a5c678e38129c2aebbd42923190e38	Ignacio	IRubira@calwater.com	irubira3IDEU	Steve Valline - 7070	Capital Delivery Technicians	Architecture Engineering & Construction Collection	2022, 2025, cloud	assigned	2024-03-18T20:36:40Z			active		Subscription	125	12.9		2024-10-21
5aedc7b78bc4860c8f5c3e6eb68421b33a516	Jason	Graham	jagraham@calwater.com	jagraham3CFQJ	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2021-07-20T01:00:49Z		inactive	1189	Subscription	0	0		
e63f7c8699d233787e755c18e3de3372996	Justin	Deltrick	jdeltrick@calwater.com	jdeltrick7TEG8	Steve Valline - 7070	MPR	Architecture Engineering & Construction Collection		assigned	2021-07-26T19:38:43Z		active		Subscription	817	80.0		2022-07-27
06ac3904289e73e70c657104996a3e8a64819	Jordan	Dickson	jdickson@calwater.com	jdicksonM53SF	Steve Valline - 7070	Engineers with AutoCAD	Civil 3D		2022 assigned	2023-07-25T23:11:32Z		active		Subscription	23	2.4		2024-09-25
06ac3904289e73e70c657104996a3e8a64819	Jordan	Dickson	jdickson@calwater.com	jdicksonM53SF	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		2020 assigned	2021-07-26T19:38:43Z		active		Subscription	1	0.1		2024-05-13
780a986a6e7c72a32573c8b6126c72119f9902	Jackie	Garay	jgaray@calwater.com	jgaray8TR02	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2021-08-20T15:24:40Z		inactive	380	Subscription	0	0		2023-09-27
2bc7d007c1142c3421c5882044869415a1f6d	Julie	Huyhn	jhuyhn@calwater.com	jhuyhnCTA5H	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets	2020, 2023	assigned	2022-11-07T16:07:28Z		active		Subscription	132	13.6		2024-10-21
6fe2f1901be1fc270820d8792c760f5e968313	Jay	Lervtus	jlevtus@calwater.com	jlevtus	Steve Valline - 7070	Non-Tech C3D Users	Architecture Engineering & Construction Collection		2022 assigned	2020-12-22T11:07:26Z		active		Subscription	26	2.7		2024-10-11
4a49e749075931a6463558c0ae33996f07ca	Justin	Lombardo	jlombardo@calwater.com	jlombardo23SVR	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		assigned	2023-06-21T23:29:29Z		inactive	459	Subscription	0	0		2023-07-20
1ad012d98f72caeb2d5c55a050e6981724f5a	Jose	Lucero	jlucero@calwater.com	jluceroK9D5P	Steve Valline - 7070	District Ops Clerks	AutoCAD LT		2020 assigned	2024-08-20T17:31:03Z		active		Subscription	10	1		2024-10-21
860da1ed49f0af8c5f3459688742536c674	John	Northrop	jnorthrop@calwater.com	jnorthropSRU47	Steve Valline - 7070	Non-Tech C3D Users	Architecture Engineering & Construction Collection		2022 assigned	2021-07-19T23:05:22Z		active		Subscription	91	9.4		2024-10-20
50fd9623799910d013c4775eacc47eaf8e4d	Jerome	Salva	jsalva@calwater.com	jsalva68KUE	Steve Valline - 7070	Engineers with LT	AutoCAD LT		2022 assigned	2023-09-22T18:52:10Z		active		Subscription	98	10.1		2024-10-16
d09607296c944c8f4c449e900610ec1f641589	John	Teng, PE	jteng@calwater.com	jteng@calwater.com	Steve Valline - 7070	Engineers with LT	AutoCAD LT		assigned	2021-10-01T18:06:26Z		inactive	774	Subscription	0	0		2022-09-08
40e5075356954b1184818e520b6c546470ed	Jose	Ventura	jventura@calwater.com	jventuraW5YG3	Steve Valline - 7070	Engineers with LT	AutoCAD LT		2022 assigned	2022-01-10T23:01:02Z		active		Subscription	7	0.7		2024-02-14
4e3ec88381e451f1b481826126c2022864242362	kam	kinsieningmay	kinsieningmay@calwater.com	kinsieningmay	Steve Valline - 7070	Engineers with AutoCAD	AutoCAD - including specialized toolsets		assigned	2021-08-23T21:32:41Z		active		Subscription	24	3.5		2024-09-27
1a1eae1f0da7480a448470ac277a15473af	Keaton	Kenedy	kkennedy@calwater.com	kkennedyH7S4G	Steve Valline - 7070		AutoCAD LT		2022 assigned	2022-10-04T15:26:20Z		active		Subscription	44	4.5		2024-10-21
76acae1c94f62b28fa4d1beef2e108212670631	Kendrick	Ktran	kttran@calwater.com	kttranR6XJK	Steve Valline - 7070	MPR	Architecture Engineering & Construction Collection	2020, 2022	assigned	2021-10-01T17:40:13Z		active		Subscription	85	8.8		2024-10-21
16aac818b4f4790f1d2a5e48348019902493	Llveen	Rbar	lrbarr@calwater.com	lrbarr	Steve Valline - 7070	Engineers with LT	AutoCAD LT		2020 assigned	2021-08-19T17:33:20Z		active		Subscription				



**Attachment 2-14:  
Cal Water's Response to Cal Advocates  
Data Request CR8-008  
Attachment #7 - Question 6.g.ii**



**Software Assurance Agreement is By and Between**

**Maverick Networks, Inc. & California Water Service**

**Software Assurance Coverage on all systems listed from 1/1/2024 -12/31/2025**

Site Name	Address
California Water Service	1720 N. First St., San Jose, CA 95112

Application Record	Description	System Type
<a href="#"><u>7359367</u></a>	MXe III Gateway - San Jose	MiVoice Business
<a href="#"><u>73891558</u></a>	CX II Gateway - Waikoloa HI	MiVoice Business
<a href="#"><u>35247247</u></a>	CX II Gateway - Stockton	MiVoice Business
<a href="#"><u>90980908</u></a>	CX II Gateway - Bakersfield	MiVoice Business
<a href="#"><u>20685686</u></a>	CX II Gateway - Bayshore	MiVoice Business
<a href="#"><u>68468854</u></a>	vMBG - Rancho Dominguez	MiVoice Border Gateway
<a href="#"><u>31235221</u></a>	vMiVB - Rancho Dominguez	MiVoice Business
<a href="#"><u>31565842</u></a>	CX II Gateway Rio New Mexico	MiVoice Business
<a href="#"><u>86262801</u></a>	vMiVB - San Jose	MiVoice Business
<a href="#"><u>43921869</u></a>	ULM	Mitel Unified Collaboration and Communications
<a href="#"><u>73900041</u></a>	vMiCollab - San Jose	MiCollab
<a href="#"><u>639152</u></a>	vMiCollab - RDOM	MiCollab
<a href="#"><u>3881855</u></a>	MiCC - San Jose	MiContact Center
<a href="#"><u>33500325</u></a>	CX II Gateway - Salinas	MiVoice Business
<a href="#"><u>60901467</u></a>	CX II Gateway - Chico	MiVoice Business
<a href="#"><u>16587862</u></a>	vMBG - San Jose	MiVoice Border Gateway
<a href="#"><u>81009837</u></a>	3300 CX II Gateway - Washington Water	MiVoice Business
<a href="#"><u>56120566</u></a>	CX II Gateway - East LA	MiVoice Business
<a href="#"><u>33510109</u></a>	CX II Gateway - Visalia	MiVoice Business
<a href="#"><u>85253110</u></a>	OIG Server	Mitel Open Integration Gateway Server

Software Assurance Options to be paid at contract execution	
1 year, SWA:	<u>\$84,006.60</u>

**California Water Service**  
Company

**Maverick Networks, Inc.**  
Company

Signature \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Attachments 2-15:  
Cal Water's Response to  
Cal Advocates Data Request CR8-008  
Attachment #8 - Question 6.g.ii**



**Site Specific Schedule "A"**

**Master Maintenance Agreement is By and Between**

**Maverick Networks, Inc. and California Water Service  
1720 N. First St., San Jose, CA 95112**

**1/1/2024 - 12/31/2025  
Starting Date / Ending Date**

<b>IP Hardware</b>	
Mitel 3300 ICP Controllers	11
Mitel T1/PRI Module	1
Mitel Universal ASU	0
Mitel ONS Ports	0
Mitel NSU	0
Mitel Analog Option Board	0

**COVERAGE BENEFITS:**

*Break Fix Repair & Warranty - for term*  
*Mitel Core Hardware & Labor fully covered*  
*System Software Upgrades*

<b>Software/Applications</b>	
Software Assurance, includes:	See BOM for Details
Base Software	11
UCC/User License	1000
ACD Licenses	150
Digital Link Licenses	1
Teleworker Licenses	
Mitel Contact Center	Site # See SWA
Mitel Call Recording	Lock # See SWA

*Standard Software Assurance*  
*8 x 5 NBD Support*  
*Proactive Remote Monitoring*  
*Covers App ID Records:*  
*TBD*

<b>Mitel IP Desktop Devices</b>	
Mitel IP Phones	940
Mitel PC Console SW	1
Mitel PKM's	0
Mitel IP Conf Phone	55

**EXCLUSIONS FROM COVERAGE:**  
*None*

<b>Services Price:</b>	<b><u>\$25,000.00</u></b>
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**Agreed and Accepted By:**

Maverick Networks Inc. \_\_\_\_\_

California Water Service  
Company \_\_\_\_\_

Signature - CEO \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

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This agreement is entered into between Maverick Networks Inc. (hereinafter referred to as “Maverick Networks”) and **California Water Service**, (hereinafter referred to as “Customer”). It is intended to constitute a master agreement the terms and conditions of which shall govern the routine telecommunications and/or network service relationship between Maverick Networks and Customer.

1) **Entire Agreement:** This Agreement contains the entire agreement between the parties with regard to the subject matter hereof, and supersedes all prior discussion or agreements between the parties, whether oral or written. Maverick Networks is not bound by any representation or inducements not set forth herein.

2) **Term of Agreement and Renewal Clause:** The term of this Agreement shall be for a period of 12 months commencing on the first (1st) day of the contract period found on Schedule “A”, and shall be renewed automatically for a successive equal term thereafter until terminated in writing as provided herein. Each renewal of this Maintenance Agreement shall be subject to the same terms and conditions herein contained except that the service fee due Maverick Networks for each renewal period shall be at the rate then charged by Maverick Networks for similar maintenance services. Either party may terminate this Agreement by giving the other party written notice of termination thirty (30) days prior to any term anniversary date.

3) **Maintenance Fee:** The fee for maintenance services to be performed under this agreement is based upon the current configuration of the telecommunications and/or network systems at the relevant Customer facilities. This amount and the terms of payment are set forth in the attached Schedule “A”. Itemized lists of the equipment to be covered at each Customer facility are also included in Schedule “A”. However, whenever a substantial system reconfiguration occurs mid-year, either Maverick Networks or Customer may request a recalculation. A substantial system reconfiguration is defined as an increase or decrease of at a minum 25% of the system capacity of working components.

4) **Maintenance Services to Be Performed:** Maverick Networks agrees to furnish all parts and labor required to maintain the equipment in good working condition, without charge, during Maintenance Coverage Hours as described on the attached Maintenance Description. Service required outside of the Maintenance Coverage Hours will be subject to our standard charges as set forth in Schedule A. Maverick Networks agrees to replace or repair equipment parts as necessary without additional charge to Customer. Replacement parts may include reconditioned parts. Maintenance parts will be furnished on an exchange basis, and the parts that are replaced become the property of Maverick Networks. Service provided under this Agreement does not guarantee uninterrupted operation. Software upgrades that are non-emergencies will be a planned interrupted operation and scheduled after hours. In addition:

- a) Maverick Networks will provide assistance with all large adds, moves and changes on either a bid or a time and materials basis;
- b) Maverick Networks will provide all new equipment and equipment not covered under this service agreement at its discounted maintenance contract customer pricing;
- c) Customer will provide certain station level equipment and materials required for its remedial service such as jacks and cable; Maverick Networks will provide any required supplemental station level equipment on a time and materials basis.

5) **Excluded Services:** Maintenance service under this Agreement does not include any service after the equipment has been serviced, repaired, moved or relocated by other than Maverick Networks or authorized Maverick Networks agent. Maintenance service also does not include repair or service required as a result of:

- a) neglect, theft, or accidental damage of the equipment;
- b) alterations or modifications to the equipment performed by other than Maverick Networks or authorized Maverick Networks agent;
- c) However, Maverick Networks accepts that Customer’s own personnel will perform routine maintenance to the systems, but retains the right to charge for labor time required to correct such changes if necessary.
- d) the failure of Customer to provide and maintain a suitable installation environment at all facilities as prescribed by Maverick Networks (including, but not limited to, proper electrical power, air conditions, or humidity control);
- e) the use of supplies or materials not meeting Maverick Networks’ specifications;
- f) the use of the equipment for purposes other than those for which it was designed;
- g) electrical work external to the equipment or service connected with equipment relocation, reconfiguration or additions;
- h) cutoff of services to Customer by any utility;
- i) acts of God.



Initial \_\_\_\_\_

6) **Response Times:** Maverick Networks will respond with remedial telephone initiated action to non-emergency telephone maintenance requests by the close of business, 5 PM PST, next business day. If on-site maintenance is determined to be required in non-emergency situations, Maverick Networks will provide this on-site maintenance by the close of business, 5 PM PST, next business day of the determination that it is required. In emergency situations, Maverick Networks will respond with remedial telephone initiated action within three (3) hours. If on-site maintenance is determined to be required in emergency situations, Maverick Networks will provide this on-site maintenance within three (3) hours of the determination that it is required.

6a) **Emergencies Defined:** 1. Complete System Failure; 2. Inability to make or receive calls; 3. More than ten (10) stations are totally inoperable; 4. Call Center (ACD) group failure; 5. Attendant position failure; 6. Entire Trunk Group inoperative; 7. Any multi user (two or more) outage lasting longer than six (six) business hours; 8. System restarts and/or reboots; 9. Major System Alarm. All other Service Requests shall be deemed Non-Emergency maintenance.

7) **Equipment Access:** In the performance of all services set forth herein, Maverick Networks shall have, and Customer shall hereby grant, full and unrestricted access to the premises on which the equipment is located. Maverick Networks' responsibility to repair shall be limited to Customer's side of the point of connection between Customer's equipment and the utility service or long distance carriers.

8) **Taxes:** In addition to the charges due under this Agreement, Customer agrees to pay amounts equal to any taxes resulting from the Agreement or any activities hereunder exclusive of taxes based upon Maverick Networks' net income.

9) **Limitation of Liability:** In the performance of this Agreement, Maverick Networks shall be liable only for the expense of providing routine repair, replacement parts and maintenance service. Further, no liability will arise if the performance of such service is prevented by declared government emergencies, civil disturbances, strikes or other causes beyond Maverick Networks' control. Customer agrees that neither Maverick Networks nor its agents and employees shall be liable for any loss or damage to the equipment or other property, injury or death of Customer's agents, employees or customers arising in connection with the maintenance services provided by Maverick Networks under this Agreement unless such loss, damage, injury or death results solely from the gross negligence or willful misconduct of Maverick Networks' agents or employees. While Maverick Networks takes responsibility for providing satisfactory maintenance services, it makes no claim that it can maintain this equipment in a manner to prevent fraudulent intrusions including, but not limited to, toll fraud, and the unauthorized use of voice processors and voice mail systems. Therefore, no express or implied warranty is made against any such fraudulent uses that may be made of the equipment.

In the event Maverick Networks breaches any warranty, Customer's exclusive remedy will be that Maverick Networks makes any necessary equipment adjustments, repairs or parts replacements to the equipment after Maverick Networks determines that the equipment does not conform to warranty. In no event shall Maverick Networks, its agent and employees be liable for indirect, incidental or consequential damages including without limitation, any loss of business, damage or expense, whether or not Maverick Networks has received notice of the possibility or certainty of such damages or loss, directly or indirectly arising from Customer's inability to use the equipment, either separately or in combination with any other equipment, form routing and programming errors, unauthorized trespass or programming, software and/or equipment, modem lines and long distance carrier services; and intrusions of the equipment by fraudulent callers, including, but not limited to, toll fraud and the unauthorized use of voice processors and voice mail systems.

10) **Miscellaneous:** This Agreement shall not be amended or altered unless such amendment or alteration is put in writing and approved, by signature, by the authorized representatives of all parties hereto. In the event of any proceeding, voluntary or involuntary, in bankruptcy or insolvency by or against Customer, or in the event of the appointment, with or without Customer's consent, of an assignee for the benefit of creditors, or of a receiver, Maverick Networks' failure to exercise any of its rights herein shall not constitute or be deemed a waiver or forfeiture of such rights. Customer expressly consents to jurisdiction within the State of California. No delay or omission to exercise any right, power or remedy available to Maverick Networks upon any breach or default of Customer under this Agreement shall impair consent or approval of any kind or any breach or default, or any waiver of any provision of this Agreement will only be effective if in writing and approved and signed by both parties and shall be effective only to the extent set forth in writing.

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**Agreed and Accepted By:**



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Signature \_\_\_\_\_ Date \_\_\_\_\_

**Maverick Networks, Inc.**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

**California Water Service**  
Customer

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Print Name \_\_\_\_\_ Title \_\_\_\_\_



**Attachments 2-16:  
Cal Water's Response to Cal Advocates  
Data Request CR8-008  
Attachment #9 - Question 6.h.ii**





Pricing Proposal  
Quotation #: 23615932  
Created On: 6/21/2023  
Valid Until: 7/21/2023

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## California Water Service Company

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## Inside Account Executive

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### Tony Yu

1720 North First Street  
San Jose, CA 95112  
United States  
Phone: (408) 367-8204  
Fax:  
Email: tyu@calwater.com

### Theo Painter

1301 S MoPac Expressway  
Austin, Texas 78746  
Phone: 737-236-6855  
Fax:  
Email: theo\_painter@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 Impact Guided ServiceNow - Part#: NPN-SERVICENOW-IMPACT	1	\$12,860.00	\$12,860.00
2 ITSM Standard ServiceNow - Part#: NPN-SERVICENOW-ITSM	53	\$1,200.00	\$63,600.00
3 IntegrationHub Professional v2 ServiceNow - Part#: NPN-SERVICENOW-INTEGRATION	1	\$65,000.00	\$65,000.00
		Total	\$141,460.00

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### Additional Comments

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Please note: additional manufacturer terms and conditions may apply. Your inside sales team will reach out to you with updates as needed.

The following bullets apply to all ServiceNow items on this quote:

- Your order is non-cancellable and non-refundable.
- Your subscription is undividable.
- Prepaid fees for professional services, educational services, and events shall expire if unused within one (1) year of the date of the order, with no refund or credit for unused or unperformed service hours.

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The Products offered under this proposal are resold in accordance with the [SHI Online Customer Resale Terms and Conditions](#), unless a separate resale agreement exists between SHI and the Customer.

**Attachment 2-17:  
Contracted Maintenance Non-Recurring  
Expenses for Removal**

<b>District</b>	<b>Year</b>	<b>Account</b>	<b>Amount</b>
Antelope Valley	2023	Wells	\$1,447
Antelope Valley	2022	Structures & Improvements	\$7,552
Bakersfield	2023	Supervision & Engineer Exp	\$265,860
Bakersfield	2020	Materials and Supplies	\$1,063
Bayshore	2021	Supervision & Engineer Exp	\$21,870
Chico	2022	Supervision & Engineer Exp	\$928
Chico	2021	Structures & Improvements	\$829
Chico	2019	General Equipment	\$242
Coast Springs	2023	Wells	\$13,872
Coast Springs	2020	Transition & Distribution	\$12,699
Coast Springs	2020	Meters	\$974
Dixon	2022	Structures & Improvements	\$5,108
Dixon	2022	Reservoir & Tanks	\$10,816
Dixon	2021	Meters	\$2,695
Dominguez	2023	Supervision & Engineer Exp	\$370
Dominguez	2020	Hydrants	\$1,149
Dominguez	2019	General Equipment	\$157
Hermosa Redondo	2023	Supervision & Engineer Exp	\$616
Hermosa Redondo	2022	Other Pumping Plant	\$2,400
King City	2023	Wells	\$38,654
King City	2020	Hydrants	\$421
King City	2020	Structures & Improvements	\$1,600
Oroville	2023	Structures & Improvements	\$1,338
Palos Verdes	2020	Supervision & Engineer Exp	\$2,417

<sup>1</sup> Cal Water's Workpaper, File: "Y\_CH05\_OM\_SD\_Rec OM Exp", tab: "SD\_Rec O&M"

Palos Verdes	2023	Supervision & Engineer Exp	\$114,414
Palos Verdes	2019	Structures & Improvements	\$5,845
Salinas	2019	General Equipment	\$1,205
Selma	2021	Wells	\$431
Selma	2022	Other Pumping Plant	\$100
Selma	2023	General Equipment	\$3,230
Stockton	2021	Water Treatment Equipment	\$1,560
Stockton	2020	Supervision & Engineer Exp	\$336
Stockton	2019	Other Pumping Plant	\$124
Stockton	2019	Structures & Improvements	\$312
Stockton	2019	General Equipment	\$198
Unified Area	2022	Wells	\$34,844
Unified Area	2023	Supervision & Engineer Exp	\$4,564
Unified Area	2020	Supervision & Engineer Exp	\$335
Unified Area	2019	Pumping in Plant	\$9,613
Unified Area	2019	Meters	\$13,996
Unified Area	2019	Bacterial Lab Equipment	\$5,298
Westlake	2021	Water Treatment Equipment	\$514
Westlake	2022	General Equipment	\$521

**Attachment 2-18:  
Exec Director Letter to Water Companies re  
COVID19 March 17 2020**

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



March 17, 2020  
VIA E-MAIL

Jeffrey T. Linam  
Vice President, Rates & Regulatory  
California-American Water Company  
4701 Beloit Drive  
Sacramento, CA 95838-2434

John Tang  
Vice President, Regulatory Affairs  
San Jose Water Company  
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San Jose, CA 95110-2131

Natalie Wales  
Director, Regulatory Policy & Compliance  
California Water Service Company  
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Vice President, Regulatory Affairs  
Suburban Water Systems  
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Jon Pierotti  
Regulatory Affairs Manager  
Golden State Water Company  
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Alisal Water Corporation  
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Robert Fortino  
Del Oro Water Company  
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Chico, CA 95927

Joel M. Reiker  
Vice President of Regulatory Affairs  
San Gabriel Valley Water Company  
11142 Garvey Avenue  
El Monte, CA 91733-2498

Lawrence Morales  
Vice President/General Manager  
East Pasadena Water Company  
3725 East Mountain View Avenue  
Pasadena, CA 91107

SUBJECT: Emergency Customer Protections to Support Customers Affected by the COVID-19 State of Emergency

I write to you in response to Governor Gavin Newsom's proclamation of a state of emergency in California due to the spread of COVID-19. This letter serves as notification that the California Public Utilities Commission (CPUC) plans to take action to provide emergency customer protection measures for customers in California to prevent disconnections for unpaid bills during the pendency of the emergency. You should act on the customer protections measures described in this letter immediately; the CPUC will vote to ratify these measures in the near future.

On March 4, 2020, Governor Newsom declared a State of Emergency in California related to COVID-19. On March 12, 2020, Governor Newsom issued a new Executive Order<sup>1</sup> recognizing that individuals exposed to COVID-19 may be unable to report to work due to illness or quarantines, and ordering numerous measures including social distancing. On March 16, 2020, Governor Newsom issued an Executive Order<sup>2</sup> requesting that the CPUC monitor the measures undertaken by public and private utility providers to implement customer service protections in response to COVID-19.

It is clear that the response to COVID-19 will be extremely disruptive to all Californians and will impact many Californians' ability to work. We have dealt with highly disruptive events in the recent past, with the devastating wildfires in Northern and Southern California. In response, the CPUC adopted a series of requirements for utility companies (electric, gas, water, sewer) and communications providers, culminating in customer protections measures adopted in two decisions (D.) 19-07-015 and D.19-08-025. These customer protection measures apply in cases where the declared emergency relates to the disruption of service or to the degradation of service.

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<sup>1</sup> Executive Order N-25-20, available at <https://www.gov.ca.gov/wp-content/uploads/2020/03/3.12.20-EO-N-25-20-COVID-19.pdf>

<sup>22</sup> Executive Order N-28-20, available at <https://www.gov.ca.gov/wp-content/uploads/2020/03/3.16.20-Executive-Order.pdf>



COVID-19 has not resulted in the same disruptions or degradations to utility service in California as the recent wildfires. We expect that utility services will remain reliable and assist in California's COVID-19 response by allowing more people to safely self-quarantine or telework. Despite the differences in the cause of the emergencies, the customer protections adopted in D.19-07-015 and D.19-08-025, which include moratoriums on disconnections, can mitigate some of the disruptions to Californians' daily lives related to the COVID-19 response – especially those Californians who are economically vulnerable. In response to COVID-19, some utilities and service providers have already announced voluntary moratoriums on service disconnections for non-payment.

Because of the seriousness of the situation, we expect the utilities and service providers subject to D.19-07-015 and D.19-08-025 to extend the same applicable customer protections directed in D.19-07-015 and D.19-08-025 to customers in response to the declared state of emergency due to the spread of COVID-19. We also expect the utilities and service providers to report to the CPUC on all customer protection measures they implement in response to COVID-19 as soon as they are implemented, so that the CPUC may publicly report on these measures. These customer protections should be retroactively applied to March 4, 2020.

Subject to CPUC action to ratify this direction, the utilities and service providers will be expected to file an advice letter reporting compliance with implementing the mandated customer protections.

Sincerely,



Alice Stebbins  
Executive Director

CC: President Marybel Batjer, CPUC  
Commissioner Martha Guzman Aceves, CPUC  
Commissioner Liane Randolph, CPUC  
Commissioner Clifford Rechtschaffen, CPUC  
Commissioner Genevieve Shiroma, CPUC



Maryam Ebke, Deputy Executive Director, CPUC  
Lucian Filler, Deputy Executive Director, CPUC  
Edward Randolph, Deputy Executive Director, CPUC  
Hazel Miranda, Office of Government Affairs Director, CPUC  
Service List to R.18-03-011

**Attachments 2-19:  
Attorney General Letter**

<p>California Department of Justice</p> <p>OFFICE OF THE ATTORNEY GENERAL</p> 	<h1>Legal Alert</h1>	
<p><i>Subject:</i></p> <p>The Water Shutoff Protection Act</p>	<p><i>No.</i></p> <p>OAG-2022-04</p> <p><i>Date:</i></p> <p>October 26, 2022</p>	<p><i>Contact for information:</i></p> <p><a href="mailto:EJ@doj.ca.gov">EJ@doj.ca.gov</a></p>

**TO: All Urban and Community Water Systems**

The Office of the California Attorney General issues this legal alert to remind all water systems of the requirements of the Water Shutoff Protection Act.

In 2019, the Legislature adopted Senate Bill 998, the Water Shutoff Protection Act (the Act), Health and Safety Code Sections 116900 *et. seq.*, increasing protections for residents facing termination of water service due to non-payment.<sup>1</sup> In enacting these protections, the Legislature recognized that water debt and residential water shutoffs threaten human health and well-being and “have disproportionate impact on infants, children, the elderly, low-income families, communities of color, people for whom English is a second language, physically disabled persons, and persons with life-threatening medical conditions.” (Sen. Bill. 998 (2017-2018 Reg. Sess.) §1, subd. (c).)

Although covered water systems were required to comply with the Act beginning in 2020, Governor Newsom issued Executive Order N-42-20 on April 2, 2020 due to the COVID-19 emergency, which temporarily prohibited the discontinuation of residential service for non-payment of a water bill. The COVID-19 emergency moratorium on residential water shutoffs expired in January 2022. The provisions of the Water Shutoff Protection Act remain in effect.

The Act applies to each “urban and community water system,” which it defines as “a public water system that supplies water to more than 200 service connections.” (§116902, subd. (d).) The Act applies only to the discontinuation of residential water service for nonpayment. (§§116906, subd. (a); 116902, subd. (c).) The Act does not apply to terminations due to an unauthorized action by a customer. (§116926.) The Act has several new requirements for termination of water service due to nonpayment, discussed below.

Urban and community water systems should immediately cease all water shutoffs that do not comply with the Act. Water systems that have not yet adopted compliant policies and made them available to the public must do so immediately. The State Water Resources Control Board and the California Public Utilities Commission have authority to issue citations with monetary penalties to non-compliant water systems. The Attorney General and the California Public Utilities Commission can enforce the Act by seeking a temporary or permanent injunction against non-compliant water systems.

**No Water Shutoffs Unless At Least 60-Days Delinquent**

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<sup>1</sup> All statutory references are to the Health and Safety Code.

- Under the Act, an urban and community water system cannot discontinue service until a payment by a customer has been delinquent for at least 60 days. (§116908, subd. (a)(1)(A).)
- If service is discontinued for nonpayment, the water system is required to provide information about how to restore residential service. (§116912.)
- The Act also prohibits water shutoffs for residents who meet certain health and financial requirements and who are willing to make alternative payments. (§116910.)
- Reconnection fees are limited by the Act for residents with income below 200 percent of the federal poverty level and those residents are entitled to a waiver of interest charges on delinquent bills once every 12 months. (§116914.)

## **Written Policy Required**

The Act requires every urban and community water system to have a written policy on discontinuation of residential water service for nonpayment. The policy shall include all of the following:

- (1) a plan for deferred or reduced payments;
- (2) alternative payment schedules;
- (3) a formal mechanism for a customer to contest or appeal a bill; and
- (4) a telephone number for a customer to discuss options to avoid discontinuation of service due to nonpayment. (§116906, subd. (a).)

This policy shall be available on a website if the provider has one. (§116906, subd. (b).) The policy shall be available in English, Spanish, Chinese, Tagalog, Vietnamese and Korean and any other language spoken by at least 10 percent of the people residing in the service area. (§116906, subd. (a); Civil Code, §1632.) If the water system does not have a website, the policy shall be provided to the customer upon request. (§116906, subd. (b).)

## **Telephone or Written Notification Requirements**

The Act also addresses the notice which must be provided to the person listed on the water bill and provides notification protections for tenants, including:

- Notice must be provided to the person listed on the water bill at least 7 business days before the possible termination of service. (§116908, subd. (a)(1)(B).)
- If the customer's address is not the address of the property where water service is provided, notice must also be mailed to the property address, addressed to "Occupant."
- If the water system is unable to make contact with the customer or an adult occupying the residence by telephone, and written notice is returned as undeliverable, the water system is required to make a good faith effort to visit the residence and leave or make arrangements for placement in a conspicuous place a notice of imminent discontinuation for nonpayment and the system's discontinuation policy. (§116908, subd. (a)(2).)
- The notice must include the following: customer's name and address; amount of delinquency; date by which payment or arrangement for payment is required to avoid discontinuation of service; description of the process to apply for an extension of time to pay the delinquent charges; description of the procedure to petition for bill review and appeal; and description of the procedure by which the customer can request a deferred, reduced, amortized or alternative payment schedule. (§116908, subd. (a)(1)(C).)

- Tenants of individually metered residences must be notified in writing that they have the right to become customers to whom water service will be billed without having to pay any of the delinquent amounts. (§116916, subd. (b).)

If an appeal is filed by “an adult at the residence,” a covered water system cannot terminate service while the appeal is pending. (§116908, subd. (b).)

### **Annual Reporting**

An urban and community water system (as defined in the Act) is required to report annually to the State Water Resources Control Board on water shutoffs due to inability to pay and post the information on its website if it has one.

### **FAQ**

As an additional resource, in 2020, the State Water Resources Control Board issued [an FAQ regarding the Act](#).

**Attachment 2-20:  
Uncollectible Rates**

	Cal Water	Cal Advocate
Antelope Valley	1.34718%	1.43071%
Bakersfield	1.11971%	0.88816%
Bayshore	0.11649%	0.08275%
Bear Gulch	0.04788%	0.04964%
Chico	0.39517%	0.29842%
Dixon	0.07984%	0.14383%
Dominguez	0.30736%	0.20169%
East Los Angeles	0.38817%	0.27778%
Hermosa Redondo	0.08039%	0.07992%
Kern River Valley	3.25587%	2.33767%
King City	0.49196%	0.37937%
Livermore	0.08181%	0.07589%
Los Altos	0.00904%	0.01448%
Marysville	0.98187%	0.66322%
Oroville	1.16885%	0.69783%
Palos Verdes	0.06619%	0.07653%
Salinas	0.29668%	0.21181%
Selma	0.67845%	0.53203%
Stockton	1.23639%	0.92137%
Visalia	0.54636%	0.40857%
Westlake	0.02429%	0.06332%
Willows	0.49151%	0.51859%
Coast Springs	-0.07528%	-0.02435%
Lucerne	2.10735%	2.03748%
Unified Area	0.42874%	1.16503%

### LIST OF ATTACHMENTS FOR CHAPTER 3

	<b>Attachment #</b>	<b>Description</b>
1	Attachment 3-1	Workpapers - WRAM vs MWRAM
	Attachment 3-2	Workpapers
3	Attachment 3-3	NAWC's Response to Cal Advocates Data Request CR8-002



**Attachment 3-1:  
Workpapers - WRAM vs MWRAM**

**WRAM**

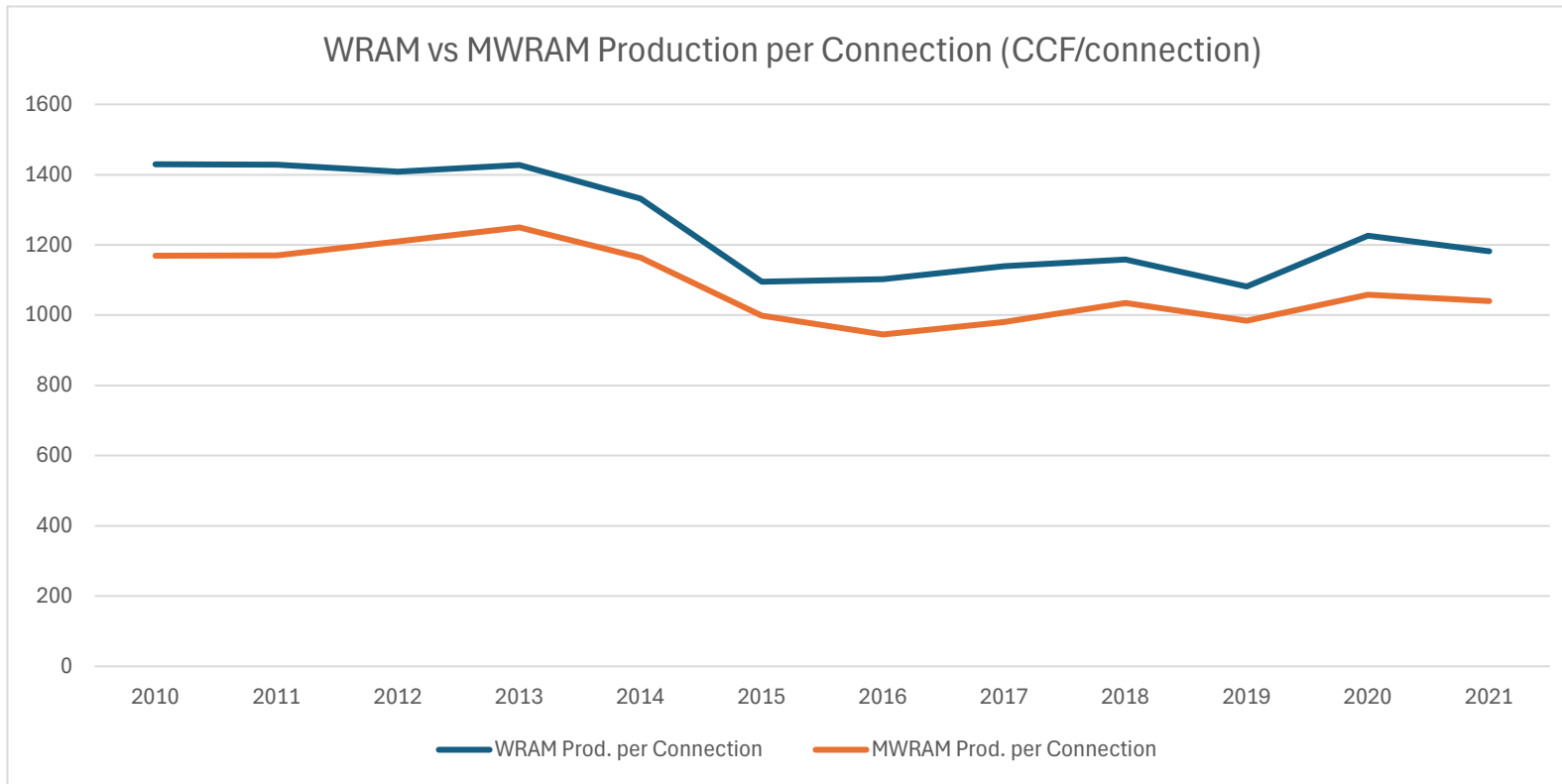
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
385.6888	362.9333	331.8374	335.5594	320.1529	256.1676	258.3934	263.2716	265.3678	250.4729	274.5007	262.0504
169.0568	170.7544	177.832	177.1625	166.9197	146.2567	143.6833	144.15	150.3692	124.0942	161.4751	158.9711
301.5596	284.4232	284.1653	276.4198	363.8085	298.2599	300.9118	350.4839	350.2388	327.896	346.4646	347.0754
193.1382	268.9769	255.069	263.3088	231.7593	193.5436	197.4411	210.7146	211.1077	201.3529	223.5684	214.8287
268.4277	355.3575	356.6723	360.7554	339.166	268.5798	271.8637	286.1452	291.7227	281.225	291.851	277.7445

**MWRAM**

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
286.0963	288.6525	299.9575	306.7509	295.984	247.2452	244.8518	250.8474	259.2241	242.845	262.5601	258.945
264.3944	265.0818	282.2259	289.7443	238.8528	204.1704	200.1066	214.555	220.3904	218.2227	232.9596	216.9807
380.2272	373.7388	384.8977	411.4291	399.6742	319.7364	317.2907	333.1976	344.6333	310.7677	336.1534	337.8377
238.9373	242.8754	242.9703	242.0018	229.1973	227.2318	182.7863	181.6942	210.1214	212.1055	226.6442	226.496

## COMPARISON WRAM-MWRAM

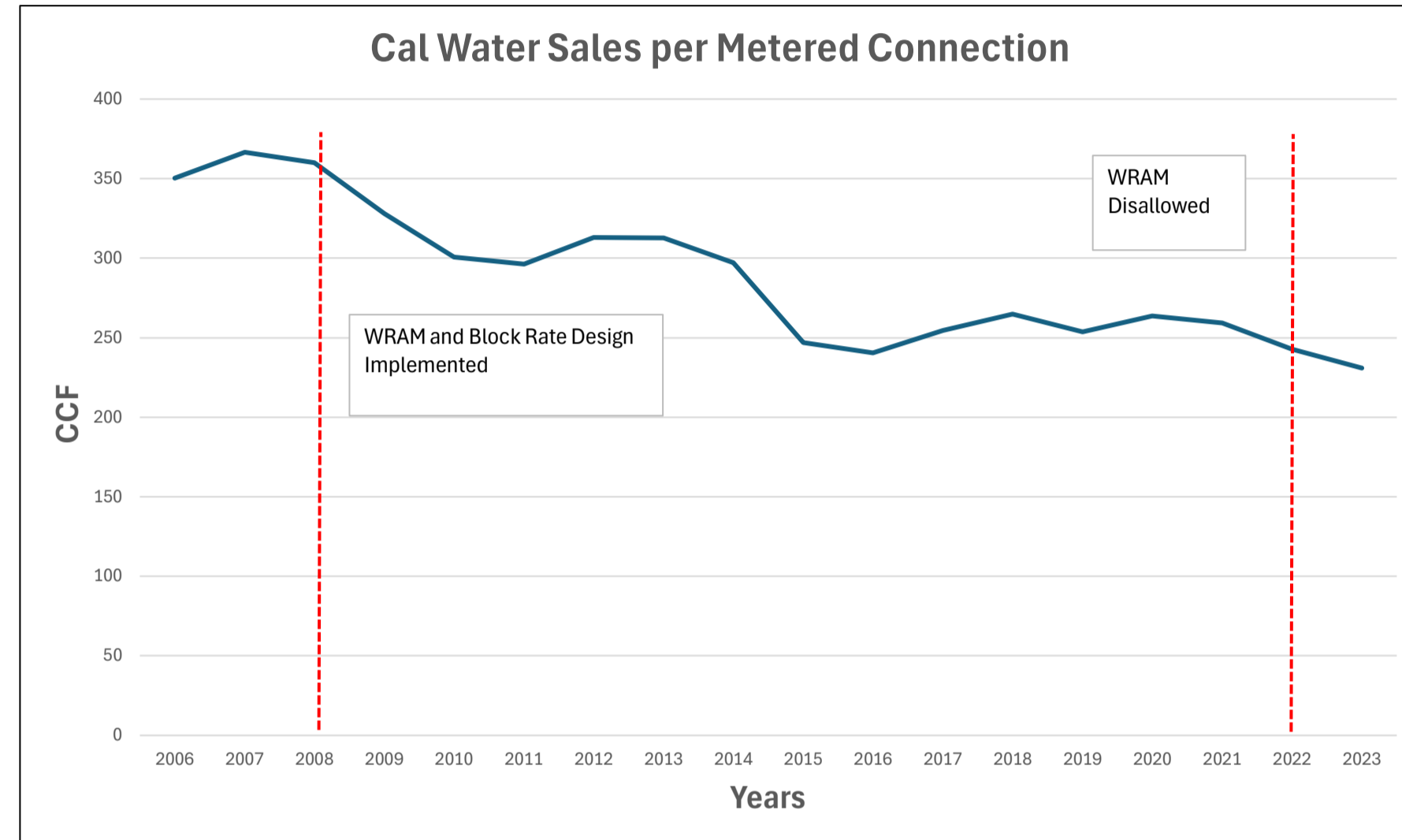
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	WRAM
385.6888	362.9333	331.8374	335.5594	320.1529	256.1676	258.3934	263.2716	265.3678	250.4729	274.5007	262.0504	
169.0568	170.7544	177.832	177.1625	166.9197	146.2567	143.6833	144.15	150.3692	124.0942	161.4751	158.9711	
301.5596	284.4232	295.2105	291.9469	272.9779	229.1987	231.9467	234.1612	238.2957	224.3472	274.7066	267.0502	
304.9247	255.4125	247.2061	261.862	232.6456	195.1332	196.1875	211.7872	212.4307	201.4244	223.63	214.8591	
268.4277	355.3575	356.6723	360.7554	339.166	268.5798	271.8637	286.1452	291.7227	281.225	291.851	279.3864	
1429.658	1428.881	1408.758	1427.286	1331.862	1095.336	1102.075	1139.515	1158.186	1081.564	1226.163	1182.317	
												MWRAM
286.0963	288.6525	299.9575	306.7509	295.984	247.2452	244.8518	250.8474	259.2241	242.845	262.5601	258.945	
264.3944	265.0818	282.2259	289.7443	238.8528	204.1704	200.1066	214.555	220.3904	218.2227	232.9596	216.9807	
380.2272	373.7388	384.8977	411.4291	399.6742	319.7364	317.2907	333.1976	344.6333	310.7677	336.1534	337.8377	
238.9373	242.8754	242.9703	242.0018	229.1973	227.2318	182.7863	181.6942	210.1214	212.1055	226.6442	226.496	
1169.655	1170.349	1210.051	1249.926	1163.708	998.3839	945.0353	980.2942	1034.369	983.941	1058.317	1040.259	



**Attachment 3-2:  
Workpapers**

TOTAL (Not just res.)	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Produced (Schedule D-1)					108598072.5	148229544.5	151086030.6	155042587.4	148246388.3	119157847.1	122671961.3	130451871.5	134083042.6	130307836.7	136467758.4	130789035.3		
Delivered (Schedule D-7)	132349000	139783000	137800500	128472000	121593000	123631000	132556000	134342000	129878000	109504000	108537000	116035960	121770296.1	117546618.9	123245912.1	122107000	115140000	110277000
Connections (Schedule D-4)	377789	381312	382866	391697	404571	417128	423599	429772	437091	443659	451226	455894	459625	463358	467594	470897	474222	477582

350.325182 366.5843194 359.9183526 327.9882154 300.5479879 296.3862412 312.9280286 312.5890007 297.1417851 246.820193 240.5380009 254.5239902 264.9340139 253.6842331 263.5746226 259.307237 242.797677 230.906944



**Attachment 3-3:  
NAWC's Response to Cal Advocates  
Data Request CR8-002**

**A.24-07-003 (Cal Water GRC)**  
**Response of National Association of Water Companies to Data Request CR8-002**  
**Issued by the Public Advocates Office**

**September 6, 2024**

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The National Association of Water Companies (“NAWC”) offers this response to Data Request (“DR”) CR8-002, issued by the Public Advocates Office (“Cal Advocates”) in connection with the above-captioned proceeding. DR CR8-002 was issued on August 30, 2024 with a requested response date of September 6, 2024. NAWC notes that Cal Advocates is seeking a response within just four business days, which is inconsistent with the Commission’s standard timeframe for discovery responses of 10 business days. NAWC was able to expedite a response in this case, but reserves the right to object to similar shortened timeframes as to future data requests. NAWC hereby responds to the question, subject to the general objections, specific objections, and clarifications set forth below.

**GENERAL OBJECTIONS AND PRELIMINARY STATEMENT**

NAWC objects to the DR CR8-002 to the extent that it calls for information that is irrelevant, beyond the scope of this proceeding, and/or pertaining to subject matters exceed the Commission’s jurisdiction. NAWC also objects to these questions to the extent that they seek information that is not in NAWC’s possession, custody, or control and/or to the extent that they seek to impose a duty on NAWC to locate, compile, or create additional information that does not currently exist or retrospectively generate information that was not retained in the ordinary course of business. NAWC further objects to DR CR8-002 insofar as it presents unreasonable or unduly burdensome compliance requirements and to the extent that it is oppressive, vague, and ambiguous, and/or exceeds the bounds of reasonable discovery. NAWC expressly reserves the right to object to the relevance of documents or response provided herein to the extent that Cal Advocates seeks to introduce them into evidence. In addition, NAWC objects to DR CR8-002 to the extent that it seeks information covered by the attorney-client privilege, attorney work product protection, and/or other applicable privileges or protections. NAWC further objects to the instructions and definitions in DR CR8-002 that purport to impose any obligations greater than those provided by the applicable rules and decisions of the Commission, the California Code of Civil Procedure or California Evidence Code, and any other applicable statutes, orders, rules, or laws governing the proper scope and extent of discovery in California and this proceeding.

These general objections, clarifications and preliminary statements are hereby incorporated into the following responses, which address the questions posed in DR CR8-002. Subject to and without waiving the foregoing, NAWC provides its initial response to DR CR8-002 as set forth herein.



## RESPONSE

### Revenue Decoupling

1. **Please refer to the Response of the National Association of Water Companies (“NAWC”) to Application of California Water Service (“Response”).**
  - a. **Page 3 of the Response states “To date, at least eight other states have adopted decoupling mechanisms for water utilities.” Which eight states is the response referring to? Please provide the source(s) to support this statement.**

**Response:** Based on information as of the date of NAWC’s response to the application in this proceeding, the eight states that have decoupling mechanisms are New York, Pennsylvania, Rhode Island, Connecticut, Indiana, Illinois, Maine, and Nevada. The following is a list of citations that confirm these policies in these respective states:

**Maine:** Me. Rev. Stat. tit. 35-A, § 6102-A(1).

**New York:** NYPSC Case No. 16-W-0130 (Suez Water), 2017 N.Y. PUC LEXIS 17 at \*24; NYPSC Case No. 01-W-0817 (New York Water Service), 2002 N.Y. PUC LEXIS 200 at \*2.

**Rhode Island:** 39 R.I. Gen. Laws Ann. § 39-15.1-3 (c).

**Connecticut:** Conn. Gen. Stat. Ann. § 16-262y(a)(1).

**Pennsylvania:** 66 Pa. Code § 1330.

**Indiana:** Ind. Code § 8-1-31.5-9.

**Illinois:** Ill. Comm. Comm’n, Docket No. 16-0093 (Illinois-American Water) at 72; Ill Comm. Comm’n, Docket No. 17-1106 (Util. Servs. Of Illinois) at 52.

**Nevada:** NAC § 704.63385

This information is subject to change and NAWC reserves the right to augment this list or provide clarifications regarding the nature of each state’s decoupling mechanisms as this proceeding progresses.

- b. **Page 4 of the Response states “Cal Water confirms that the Sales Reconciliation Mechanism (“SRM”) in its proposal effectively worked as designed in prior periods, and it can do so again if authorized here.” Please answer the following questions regarding this statement.**
      - i. **What was the benefit of Cal Water’s SRM in prior periods? Please explain how the mechanism benefited Cal Water ratepayers.**

**Response:** The primary benefit of decoupling is water conservation. Mechanisms like the SRM properly align incentives by de-linking the connection between water usage and cost recovery so that utilities can effectively advance the state’s robust water conservation objectives. As California continues to push for reductions in water consumption, it is incumbent upon the Commission to adapt its ratemaking policies to ensure that utilities can fully participate in encouraging reductions in usage without imperiling their ability to maintain their systems. Well

maintained water systems benefit customers by ensuring the provision of safe and reliable water service. Beyond conservation and shoring up infrastructure investment, decoupling can promote a broad range of ratepayer benefits, including affordability and equity in water rates. In this regard, NAWC notes that decoupling is a widespread tool employed in the electric sector, and it has been deemed a “best practice” by the National Association of Regulatory Utility Commissioners (“NARUC”). *See NARUC Resolution Endorsing Consideration of Alternative Regulation that Supports Capital Investment in the 21<sup>st</sup> Century for Water and Wastewater Utilities* (Nov. 20, 2013).

Regarding the specific benefits noted in Cal Water’s Application, NAWC notes that this proceeding is in a nascent stage, and only the initial application and responsive pleadings have been submitted. The evidentiary process that is expected in connection with this proceeding will provide ample opportunity to corroborate and test Cal Water’s statements regarding the SRM. NAWC looks forward to participating in that process and to bringing its national perspective to bear to highlight the demonstrable benefits of decoupling mechanisms.

**ii. Did NAWC independently verify or confirm if Cal Water’s statement is accurate? If so, what factors did NAWC evaluate to confirm the SRM “worked as designed”.**

**Response:** NAWC has not independently verified Cal Water’s statement regarding the efficacy of the Sales Reconciliation Mechanism (“SRM”), nor does NAWC have a reason to doubt Cal Water’s representations because they are consistent with NAWC’s experience with decoupling mechanisms nationwide. NAWC based its statement on a review of Cal Water’s Application and NAWC’s familiarity with the conservation benefits of decoupling in other jurisdictions and other sectors. This proceeding is in a nascent stage, and only the initial application and responsive pleadings have been submitted. The evidentiary process that is expected in connection with this proceeding will provide ample opportunity to corroborate and test Cal Water’s statements regarding the SRM. NAWC looks forward to participating in that process and to bringing its national perspective to bear to highlight the demonstrable benefits of decoupling mechanisms.