



Scott Alvord, City of Roseville, Chair

Shanti Landon, Placer County

Bonnie Gore, Placer County

Bill Halldin, City of Rocklin

Dan Karleskint, City of Lincoln

Ken Grehm, Executive Director

WESTERN PLACER WASTE MANAGEMENT AUTHORITY MEETING OF THE BOARD OF DIRECTORS

MARCH 9, 2023 5:00 PM

Materials Recovery Facility Administration Building
3013 Fiddymment Road, Roseville, CA 95747

The WPWMA Board of Directors MARCH 9, 2023 meeting will be open to in-person attendance. Individuals may also participate in the meeting via Zoom at <https://placer-ca-gov.zoom.us/j/95458079020>

Materials related to an item on this Agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection by emailing the Clerk of the Board at info@WPWMA.ca.gov. The Western Placer Waste Management Authority is committed to ensuring that persons with disabilities are provided the resources to participate fully in its public meetings. If you require disability-related modifications or accommodations, please contact the Clerk of the Board at (916) 543-3960 or info@WPWMA.ca.gov. If requested, the agenda shall be provided in appropriate alternative formats to persons with disabilities. All requests must be in writing and must be received by the Clerk three business days prior to the scheduled meeting for which you are requesting accommodation. Requests received after such time will be accommodated if time permits.

1. Call Meeting to Order
2. Pledge of Allegiance (Director Alvord)
3. Roll Call
4. Statement of Meeting Procedures (Clerk of the Board)
5. Public Comment
This is a time when persons may address the Board regarding items not on this Agenda. It is requested that comments be brief, since the Board is not permitted to take any action on items addressed under Public Comment.
6. Announcements & Information
 - a. Reports from Directors
 - b. Report from the Executive Director (Ken Grehm)
 - c. Financial Reports (Eric Oddo) Pg. 5
 - d. Monthly Tonnage Reports (Eric Oddo)
 - e. MRF Operator Report (FCC) Pg. 7
 - f. Landfill Operator Report (FCC) Pg. 17
 - g. MRF Improvements Project Update (FCC) Pg. 25
 - h. WPWMA Operations Report (Will Scheffler) Pg. 35
 - i. Circular Economy Innovation Competition (Emily Hoffman) Pg. 39

7. Consent Agenda

- a. Minutes of the Board Meeting held February 10, 2023 Pg. 41
Approve as submitted.
- b. North Compost Leachate Pond Project (Ryan Schmidt) Pg. 49
 - 1. Authorize an increase of \$300,000 to the spending authority delegated to the Executive Director or designee, increasing the total delegated spending authority to an amount not to exceed \$3,228,369.
 - 2. Determine the recommended action is exempt from environmental review pursuant to California Environmental Quality Act Guidelines Section 15301.
- c. Authorization to Apply for CalRecycle Grants (Stephanie Ulmer) Pg. 51
 - 1. Approve Resolution No. 23-03 authorizing the submittal of applications to CalRecycle for all grants for which the Western Placer Waste Management Authority is eligible.
 - 2. Determine the recommended action is not a project pursuant to California Environmental Quality Act Guidelines Section 15378.

8. Action Items

- a. WPWMA Strategic Plan (Emily Hoffman) Pg. 55
Approve the 2023 – 2027 WPWMA Strategic Plan.
- b. Module 6 Liner Construction (Keith Schmidt) Pg. 75
Approve the plans and specifications and authorize staff to solicit bids for the Module 6 Liner Construction Project.
- c. Eighth Amendment to the Agreement with SCS for LFG Operation and Maintenance Services (Will Scheffler) Pg. 77
 - 1. Authorize the Executive Director or designee, upon review and approval by WPWMA Counsel, to sign the Eighth Amendment to the Agreement with SCS Field Services (SCS) to provide landfill gas (LFG) operations and maintenance services for the Western Regional Sanitary Landfill (WRSL) extending services for an additional four months and authorizing additional related services for a total of \$466,641, increasing the total not-to-exceed cost of the Agreement to \$6,261,543.
 - 2. Determine the recommended action is exempt from environmental review pursuant to California Environmental Quality Act Guidelines Section 15301.

9. Closed Session

- a. Government Code §54957(b)(1) – Public Employee Performance Evaluation
Title: WPWMA Executive Director
- b. Significant exposure to litigation pursuant to Government Code §54956.9(d)(2):
one potential case

10. Upcoming Agenda Items

Identification of any items the Board would like staff to address at a future meeting.

11. Adjournment

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Western Placer Waste Management Authority - Operations Fund Income Statement

(unaudited/depreciation excluded)

Year-to-Date
January 2023

	Annual Budget	Year to Date			Notes
		Budget	Actuals	Variance	
Revenue					
42010:Investment Income	104,614	61,025	273,271	212,246	Budgeted a lower rate of return based on previous years' earnings rate
42030:Rents and Concessions	592,577	345,670	313,395	(32,275)	Energy royalties tracking ~14% below projected levels
46240:Sanitation Services - Other	31,617	18,177	18,334	157	
46250:Solid Waste Disposal	45,173,775	25,326,263	26,019,611	693,348	Tipping fee revenues tracking ~2.7% above budgeted amounts
46430:Insurance	208,637	-	352,631	352,631	Reflects final portion of MRF fire insurance settlement
48030:Miscellaneous	40,000	23,333	103,151	79,818	Includes payment from Nortech for recyclable revenue sharing (\$47,686) and CCTV system (\$25,000)
49040:Gain/Loss on Fixed Asset Disposal	1,130,560	1,130,560	1,085,560	(45,000)	Received payment from FCC on 14 of the 15 trucks sold; waiting for title from Nortech on 15th truck
Total Revenue	47,281,780	26,905,028	28,165,954	1,260,926	
Expenses					
Capital Assets:					
54430:Buildings & Improvements	30,603,376	18,900,570	1,824,000	17,076,570	Expected costs from FCC related to MRF improvements not yet realized
54450:Equipment	19,701,502	13,215,180	1,970,162	11,245,018	Expected costs from FCC related to MRF improvements not yet realized
54470:Infrastructure	695,000	-	-	-	
54480:Land Improvements	7,891,710	7,891,710	6,834,504	1,057,206	Module 6 excavation completed ahead of schedule; differential associated with compost pond project not yet completed.
Operating Expenses:					
51010:Wages and Salaries	2,151,929	1,275,217	1,325,396	(50,179)	Approx \$18,173 assoc. w/ OT and \$21,457 assoc. w/ accrued leave cash outs - for a total of \$39,630
52030:Clothing and Personal	6,000	3,500	1,522	1,978	
52040:Communication Services Expense	16,882	9,848	6,771	3,077	
52050:Food	1,000	583	983	(400)	
52060:Household Expense	3,000	1,750	66	1,684	
52080:Insurance	341,907	199,446	205,342	(5,896)	Insurance premiums greater than budgeted. Anticipate tracking ~\$40k over budget by end of FY
52140:Parts	3,000	1,750	220	1,530	
52160:Maintenance	32,911	19,198	33,086	(13,887)	Includes full annual payment for SCADA support (\$9,203) and Drone software (\$16,000)
52161:Maintenance - Building	30,000	15,000	-	15,000	No building maintenance costs realized to date.
52170:Fuels & Lubricants	2,000	1,167	3,190	(2,024)	Increased fuel cost for generators during January storms
52180:Materials - Buildings & Improvements	1,000	583	-	583	
52240:Professional / Membership Dues	5,000	5,000	7,975	(2,975)	Includes an unbudgeted, one-time cost of \$2,995 to register for Federal grant opportunities over the next 5 years.
52250:Services and Supplies	1,000	583	-	583	
52260:Misc Expense	-	-	-	-	
52320:Printing	32,200	18,783	11,417	7,366	Reducing printing costs to degree possible.
52330:Other Supplies	25,000	14,583	7,764	6,819	Lower office supply demand to date.
52340:Postage	4,110	2,397	1,885	512	Reducing hardcopy mailing costs to degree possible
52360:Prof. & Special Svcs - General	2,983,661	1,679,164	1,591,060	88,104	No direct billing for credit card services (auto deducted from cc payments to WPPWMA)
52370:Professional and Special Services - Legal	160,000	93,333	76,651	16,683	Lower than expected legal counsel costs to date
52380:Prof. & Special Svcs - Tech., Eng. & Env.					
SC3140 Building Maintenance Installation and Repair Services	5,000	5,000	-	5,000	
SC3180 MRF Operations	29,208,676	16,410,651	16,908,865	(498,214)	Includes one-time costs paid to Nortech at end of contract.
SC3190 Landfill Operations	2,791,477	1,628,362	1,541,738	86,624	
SC3320 Environmental and Ecological Services	300,000	175,000	31,442	143,558	Lower than expected County staff time billed to WPPWMA-related projects
SC3322 Hazardous Waste	60,000	60,000	52,378	7,622	Full payment for annual HHW collection date realized - no further costs expected this FY.
52390:Prof. & Special Svcs - County	249,600	145,600	128,146	17,454	Lower than expected County professional service costs to date.
52400:Prof. & Special Svcs - IT	135,200	78,867	4,557	74,310	IT costs not yet billed or realized
52440:Rents and Leases - Equipment	100	58	-	58	
52450:Rents and Leases - Buildings & Improvements	100	58	-	58	
52460:Small Tools & Instruments	1,000	583	502	81	
52480:PC Acquisition	12,500	12,500	-	12,500	Costs associated with server upgrades and one new workstation. Costs not realized or billed yet.
52510:Commissioner's Fees	6,000	3,500	3,400	100	Did not hold September 2022 meeting.
52540:Signing & Safety Material	10,000	5,833	86	5,748	Costs for new facility signage not yet realized or billed.
52560:Small Equipment	100	58	-	58	
52570:Advertising	20,000	11,667	17,845	(6,178)	Includes annual purchase of "premium items" for give aways and public outreach events
52580:Special Department Expense	10,000	5,833	470	5,364	Costs for office furniture for new staff not yet realized.
52785:Training / Education	10,000	5,000	1,079	3,921	Costs for staff training not yet realized or billed.
52790:Transportation and Travel	48,000	28,000	23,136	4,864	
52800:Utilities	250,000	145,833	69,813	76,021	Annual leachate disposal and new sewer discharge fees not realized yet.
52810:Operating Materials	1,000	583	-	583	
53050:Debt Issuance Costs	999,464	999,464	999,464	-	One time costs at realized when bonds were issued in September 2022. No additional costs expected this FY.
53060:Bond Interest	3,488,615	-	-	-	First bond payment due June 2023
53110:Interest	-	-	230	(230)	Associated with overdraw on bond proceeds.
53190:Taxes and Assessments	549,512	274,756	333,189	(58,433)	Includes \$22,583 and \$59,630 in annual APCD and Water Board permitting costs, respectively.
53250:Contributions to Other Agencies	269,442	269,442	265,287	4,155	Annual CFD payment lower than projected.
53390:Transfer Out A-87 Costs	84,000	49,000	49,000	-	
55510:Operating Transfer Out	-	-	-	-	
59000:Appropriation for Contingencies	-	-	-	-	
Total Expenses	103,201,973	63,664,996	34,332,621	29,332,376	
Net Income/(Loss)	(55,920,193)	(36,759,968)	(6,166,667)	30,593,301	
Additional non Income Statement Transactions:					
Bond Proceeds	57,867,742	39,968,214	4,793,625	35,174,588	
Planned use of Reserves	4,195,000	2,447,083	1,373,042	1,074,042	
Total with Bond Proceeds and Reserves	6,142,549	5,655,329	-	66,841,931	

Notes:

- Budgeted revenues and expenses are generally prorated equally each month of the fiscal year, whereas actual revenues and expenses reflect those realized as of the date of the report. This may lead to notable reported discrepancies between budgeted and actual amounts.
- Differences in the coding between the budgeted and actual revenues and expenses may result in notable reported discrepancies within the report.
- Additional non income Statement Transactions reflect amounts from WPPWMA's Balance Sheet and are shown on this report for tracking and informational purposes only.

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **MARCH 9, 2023**

FROM: **KEN GREHM / WILL SCHEFFLER** *WS*

SUBJECT: **MRF OPERATOR REPORT**

RECOMMENDED ACTION:

None. This report is for information purposes only.

BACKGROUND:

The following report was drafted independently by FCC Environmental Services California, LLC (FCC) and was submitted to WPWMA on January 19, 2023. The attached report is presented to your Board as it was received by WPWMA staff. As such, subjective statements in the report are those of FCC and do not necessarily represent the opinions of staff. Staff has reviewed factual statements provided by FCC and believes those statements are generally accurate based on information available to WPWMA.



MATERIALS RECOVERY FACILITY
QUARTERLY OPERATIONS REPORT
ENDING December 31, 2022

FCC ENVIRONMENTAL SERVICES CALIFORNIA, LLC
3033 FIDDYMENT ROAD
ROSEVILLE, CA 95747
(916) 234-5307

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OPERATIONS REPORT
Material Recovery Facility Operation
Quarter Ending December 31, 2022

Executive Summary

FCC continued to make steady improvements in the final quarter of 2022 in all of the operations. FCC remains focused on continuing to provide a quality of service to WPWMA, the jurisdictions, and the public. FCC is committed to continual improvement and making the adjustments necessary to effectively run the Material Recovery Facility operations.

COMPOST

FCC began selling compost material to commercial vendors this quarter. FCC is in the process of securing sales contracts that will allow us to keep moving the material in the long term and provide greater consistency to move the product offsite, and free up valuable pad space rather than having to navigate the challenges of seasonal fluctuations. This is a very important and necessary component to our sales strategy to prevent material from backing up onsite, to minimize the amount of storage needed for the finished product. FCC has worked out sales agreements with local businesses to sell the product directly to the public at satellite locations, which provides for an increase in the geographic availability of the product. A new Tigercat 6900 grinder has been added to our fleet of equipment for our compost department. The grinder arrived on-site December 21st. The new grinder will allow FCC to eliminate the need for a third-party grinding service that we have previously been using to supplement our compost operations.

MRF

In the past quarter, FCC made significant improvements in increasing uptime efficiencies in the MRF from 60% mechanical uptime to almost 80% by the end of November. We faced some challenges during the month of December due to the startup of running and re-integrating the system back to pre-fire operation. We anticipated that there would likely be difficulties in getting the system re-integrated since a large portion of the facility was not functional for over a year, so electrical and mechanical issues were expected. We supplemented our efforts with Titus MRF Services to support tackling the substantial list of items that were able to be discovered once the system was tested. Despite the obstacles that were faced in this process, FCC did a phenomenal job of coming together, crafting a plan, and investing the resources necessary to overcome these hurdles. In less than one month, we were able to get the facility to run back to pre-fire condition.

We expect that during the quarter there will be some additional fine tuning with the system to get it running with greater efficiency. We anticipate needing to continue to make adjustments as necessary to increase mechanical uptime and runtime efficiency. This was a momentous feat given all of the obstacles and unknowns with operating a system that had been sitting for over a year and in getting the system fully re-integrated. Our maintenance team did a fantastic job

handling this difficult task in addition to keeping the facility operational. We will continue to make adjustments and improvements to the system to create greater operational efficiencies.

C&D

The C&D facility has increased uptime during the quarter to an efficiency of 90%. Due to the rated processing capacity and design of the equipment, the C&D facility is only able to treat a certain volume of inbound material. Improvements and adjustments were made to the system to increase throughput and operational efficiency.

Nevertheless, FCC has decreased the amount of volume diverted to the landfill in Q4 by 70%. We will continue our efforts to process more volume and increasing the recovery rate. However, FCC seeks to revisit the contract for an allowance to divert a portion of inbound C&D material to the landfill without affecting the recovery rates.

Processed Tonnage & Recovery Level

FCC processed 108,894.94 tons through the Materials Recovery Facility (MRF) during the quarter. Of these 62,185.20 tons were municipal solid waste, 19,529.38 tons were source separated green waste, 1,402.22 tons were source separated wood waste, 747.88 tons were source separated food waste compost, 3,750.14 tons were source separated soil, and 21,119.69 tons of Construction & Demolition (C&D) waste which includes inert tonnage.

Creditable recovery for the Materials Recovery Facility was 8.18% or 0.18% above the temporary level of 8% as outlined in Addendum #1 to the MRF Operating Agreement.

Creditable recovery for Construction & Demolition was 35.75% or 14.75% below the guaranteed minimum recycling level of 50% for the quarter. The C&D facility has made substantial improvements to the facility allowing for less diversion to the landfill. However, despite our efforts in achieving substantial gains in increasing facility throughput and operational efficiency, this ultimately has led to a decrease in the ability to meet recovery targets. We are continuing to strategize ways to improve recovery, adjusting operations, and investing resources into the facility to better meet contractual requirements.

Staffing

Staffing for the period averaged 189 full time equivalent employees. The permanent, full-time staff averages, and the contract service employees averaged:

Description	Head Count
Total Full Time Equivalent (FTE)	189
FTE FCC	75
FTE Contract	114
Department	Percentage of Head Count
Tipping Floor	4.23%
Sort Line	30.69%
Finished Product	3.17%
Buy back Center	3.17%
Composting	6.35%
C&D	16.40%
Haz-Mat	1.59%
Maintenance	11.11%
Clean Up	8.47%
House & Yard	3.19%
Administration	3.70%
Transportation	5.29%
Public Receiving	2.65%

Training

Training for the period consisted of 9 trainings for employees. The details of the trainings are below:

Name of Training	Number of Employees
New Hire Orientation	15
Hazardous Items	27
Forklift Certification	24
Emergency Action Plan	5
Hands-On: Fire Extinguisher	39
Spill Prevention Controls and Countermeasures Plan	29
General Housekeeping	51
Rules to Live By	51
Slips, Trips, and Falls	51

Subcontractors

FCC utilized five subcontractors throughout the quarter. Their information and services provided are below:

Name of Company	DIR Number	Services Provided
Titus MRF Services	0089549	C&D & MRF repairs
Tyrell Grinding	1000007965	Assist with grinding green materials for compost operations
Ramos Environmental Services	1000024411	Pumped out interceptor tanks
Accurate Cleaning	1000010626	Power wash inside and outside of MRF
Cal Sierra Fence	1000036683	Installed gate at south entrance
SSEC	1000058550	Hydroseeding landfill

Special Occurrences

A brief summary of the special occurrences that occurred during the quarter are summarized below; a detailed description of each occurrence can be found in WPWMA's Special Occurrence Log.

- 10/11/22 – Break in, no injuries
- 10/18/22 – Fire in rental Komatsu 155, no injuries
- 10/21/22 – Fire alarm, no injuries
- 10/26/22 – Possible explosive device, no injuries
- 10/28/22 – Tier 1 smoke event, no injuries
- 10/28/22 – Tier 2 fire event, no injuries

- 10/28/22 – Hydraulic fire, no injuries
- 10/28/22 – Empty box came off roll-off truck, no injuries
- 10/29/22 – Fire in MSW box, fire department response, no injuries
- 11/29/22 – Fire alarm, no injuries
- 12/14/22 – Unauthorized entry, no injuries
- 12/20/22 – Fire on C&D tip floor, no injuries

Placer County LEA Inspection & Reports

The LEA on-site inspection visit on October 26, 2022, resulted in No Violations and No Areas of Concern. MRF, Landfill, Compost & Public area were all inspected and reviewed.

The LEA on-site inspection on November 15, 2022, resulted in No Violations and No Areas of Concern. MRF, Landfill, Compost & Public Area were all inspected and reviewed.

The LEA on-site inspection on December 13th resulted in No Violations and One Area of Concern in the MRF. No Violations and No Areas of Concern were issued for Landfill and Compost.

RC 44014(b) - Operator Complies with Terms & Conditions The facility exceeded their daily tonnage permit condition on 12/8, 12/9, and 12/12/22 of 1750 tons. Overages were ~1813, 1842, and 1820 respectively. It appears that these exceedances were largely driven by green waste acceptance. Facility should strive to stay within permit limitations. If the tonnage is repeatedly exceeded, the LEA may require a permit revision. MRF, Landfill, Compost & Public Area were all inspected and reviewed.

Household Hazardous Waste Program

FCC's household hazardous waste program has greatly improved since the beginning of the contract. All staff have all been trained in the proper handling and care of hazardous materials and are working closely with our vendors to ensure all materials are transported properly. FCC is partnering with ACTenviro to take all hazardous waste collected through the hazardous waste program.

A comprehensive report is submitted monthly to WPWMA staff that identifies types and quantities of materials, origin of persons using the facility, materials recycled, etc.

In summary:

Quarterly Totals	Amount
Customer Count	4,744
Liquid Waste Processed (gallons)	27,308
Recycled Lead Acid Batteries (lbs.)	8,610
Recycled Household Batteries (lbs.)	18,773

SB1383

With assistance from SCS Engineers, FCC was able to conduct its first round of sampling to meet the requirements set forth by California SB1383. FCC worked closely with WPWMA staff and the LEA in sharing our SB1383 measurement efforts as well as reviewing the process as was set in motion. Over the 10-day sampling period, our team was able to work out an efficient, but detailed process to sort through the material pulling out organic material. Each day 200-lb. samples were taken from four different materials; residue, source separated cardboard, cardboard recovered from the MRF sorting lines, and wood recovered from the MRF sorting lines. The next scheduled date for sampling is in February 2023.

A comprehensive breakdown of SB1383 measurement results was completed and compiled for the quarter and available for review.

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **MARCH 9, 2023**

FROM: **KEN GREHM / WILL SCHEFFLER** *WS*

SUBJECT: **LANDFILL OPERATOR REPORT**

RECOMMENDED ACTION:

None. This report is for information purposes only.

BACKGROUND:

The following report was drafted independently by FCC Environmental Services California, LLC (FCC) and was submitted to WPWMA on January 19, 2023. The attached report is presented to your Board as it was received by WPWMA staff, with the exception of technical report attachments prepared by FCC's engineering consultant which have been omitted. As such, subjective statements in the report are those of FCC and do not necessarily represent the opinions of staff. Staff has reviewed factual statements provided by FCC and believes those statements are generally accurate based on information available to WPWMA.



Western Regional Sanitary Landfill

QUARTERLY OPERATIONS REPORT

2nd QTR, 1ST OPERATING YEAR

ENDING December 31, 2022



FCC ENVIRONMENTAL SERVICES CALIFORNIA, LLC

3033 FIDDYMENT ROAD

ROSEVILLE, CA 95747

(916) 234-5307



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2nd Quarter Operations Report Western Regional Sanitary Landfill

Executive Summary

FCC Environmental Services California, LLC continued operations within the agreement between FCC and the WPWMA during the quarter. The landfill accepted 89,530 tons of material, applying industry standard methods of processing that tonnage. For the second consecutive quarter, FCC was able to meet its density standard in the operating agreement. FCC continued the procurement of equipment vital to the success of the landfill operation, such as a state-of-the-art tarp deployment system. Staffing throughout the quarter was consistent with the previous, the FCC safety team continued to assist the operation with safety trainings conducted throughout the quarter. The only major change to the landfill operation during the quarter was the procurement of falconry services for bird abatement. FCC continued to receive extensive support from FCC Corporate and Operations teams, ranging from Texas to Florida; they provided greater technical analysis and expertise to get our systems up to a higher level of efficiency.

Accepted Tonnage & Compaction

The Western Regional Sanitary Landfill accepted a total of 86,901 of disposed tons of waste. Using a total of 147,067 cubic yards of airspace achieving a 1,182 pounds per cubic yard in compaction, which meets FCC’s contractual obligation of 1,100-1,200 pounds per cubic yard in the agreement with the Western Placer Waste Management Authority. During the quarter FCC used a total of 39,758 cubic yards of operational material for compliance and regulatory operations.

2022 Quarter 2	Buried tons	Volume	Density
October	29,716.00	49,214	1,208
November	28,389.72	47,615	1,192
December	28,795.32	50,240	1,146
Total	86,901.04	147,067	1,182

Operation Activities

During the quarter FCC continued filling within the Western Placer Waste Management Authority (WPWMA) provided filling sequences. The filling sequences required the placement of waste in modules 5, 14, 15, and 16. FCC finished the construction of the all-weather access pad and road. Those efforts required FCC to spread and compact a total of 3,475 cubic yards of concrete inert material for the all-weather access pad and an additional 5,365 cubic yards of the same material for the all-weather access road. In addition, FCC started operating within the 2022-2023 Winter Plan filling sequence provided by the WPWMA.

Staffing

During the 2nd quarter of the operation of the Western Regional Sanitary Landfill (WRSL) FCC employed six full time heavy equipment operators and one spotter. All six of the operators were employed by FCC Environmental Services California LLC, with the spotter being employed by Lead Point. Table below for review.

Department	Position	Head Count
Landfill	Operations Manager	1
Landfill	Landfill Foremen	1
Landfill	Heavy Equipment Operators	5
Lead Point	Spotter	1

Training

During the quarter there were six different trainings conducted for the landfill staff. See table below.

Department	Training	Head Count	Month
Landfill	Emergency Action Plan	6	October
Landfill	Hazardous Items	6	October
Landfill	Discrimination & Harassment	6	November
Landfill	Slips, Trips, & Falls	6	December
Landfill	General Housekeeping	6	December
Landfill	FCC Rules To Live By	6	December

Sub-Contractors

Integrated Avian Solutions was contracted during the quarter for bird abatement. FCC procured their service of falconry to comply with Article 5.18 “Vector Control” of the FCC Landfill Operating Agreement with WPWMA.

Special Occurrences

There were three special occurrences at the landfill during the quarter. The first, was a customer that delivered a smoldering load of C&D material to the landfill tipping face. The second occurrence was due to an FCC landfill compactors front axle overheating, both fires were quickly extinguished using landfill ready fire extinguishers and water trucks. The third occurrence was an FCC roll off truck that had a box come off the rails causing the box to flip over. None of these occurrences caused any injury or significant damage to the equipment.

Placer County LEA Inspections

There were three random inspections during the quarter by the Local Enforcement Agency (LEA). During those inspections the LEA did not identify any violations or areas of concern.

SCS Reports

During the quarter SCS Engineers assisted FCC with monthly and quarterly compaction and airspace utilization reports. Those reports are attached for your review.

Closing

In closing, FCC successfully orchestrated a 2nd quarter landfill operation. During the quarter the landfill operation received the first of several measurable weather events, driving FCC to start operating within the winter filling sequence provided by WPWMA staff. FCC received 2,629 less tons of waste and used 15,889 cubic yards less volume than the previous quarter. FCC will continue seeking new methods of waste placement to ensure the density targets are continually met. Staffing for the quarter matched the previous and FCC continued hosting safety trainings for the landfill operators. The procurement of falconry services during the quarter for bird abatement in the landfill was an additional effort to maintain landfill compliance. Placer county LEA visited the landfill operation on three separate occasions, no areas of concern or violations

were noted. SCS Engineering continued assisting FCC during the quarter for monthly and quarterly density reporting.

Please let me know if you require any further assistance regarding this report.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brandon Stevens', with a stylized, overlapping loop structure.

Brandon Stevens

FCC Environmental Services California LLC

Cc:

Byron Hildenbrand, FCC

Dan Brazil, FCC

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **MARCH 9, 2023**

FROM: **KEN GREHM / KEITH SCHMIDT** 

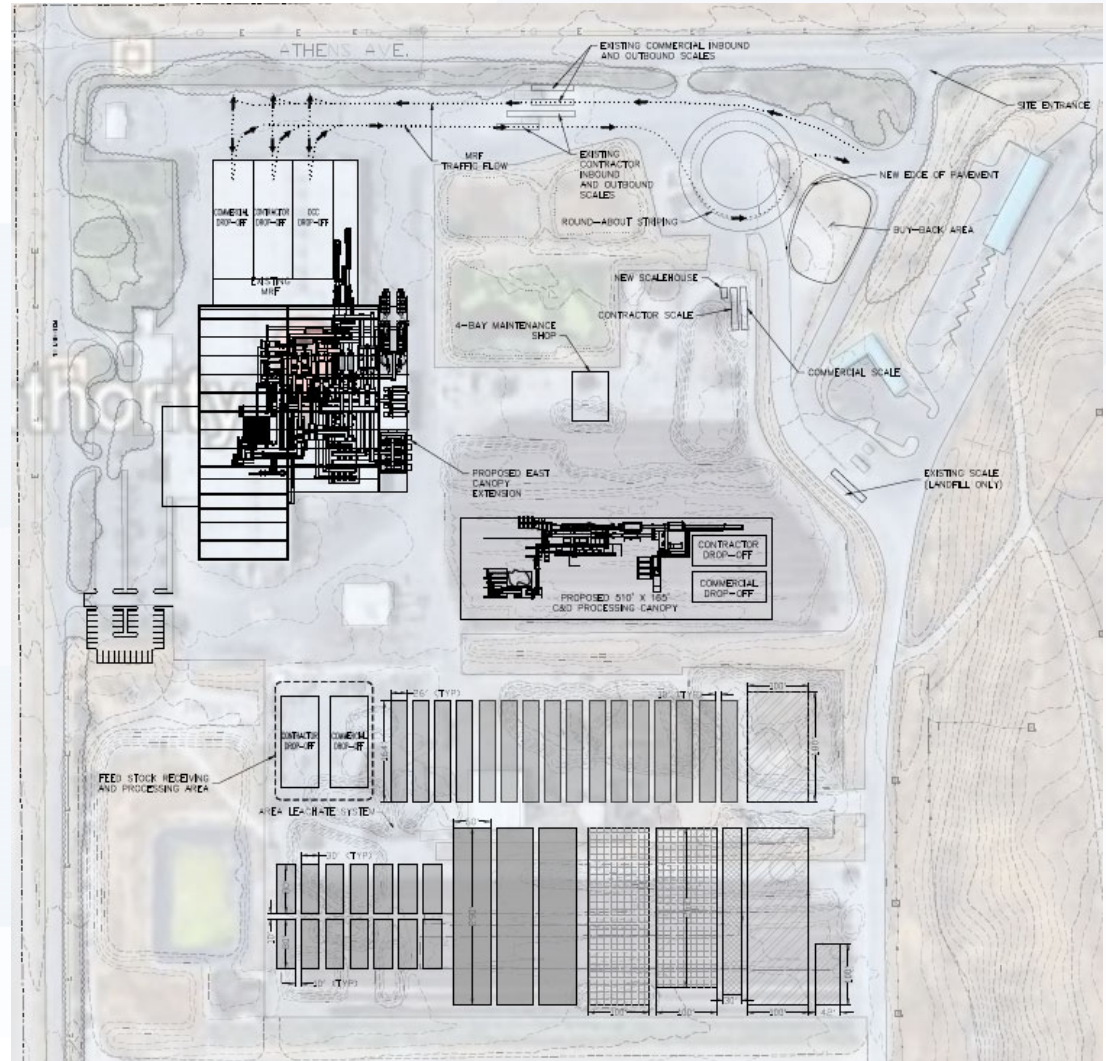
SUBJECT: **MRF IMPROVEMENTS PROJECT UPDATE**

RECOMMENDED ACTION:

None. This report is for information purposes only.

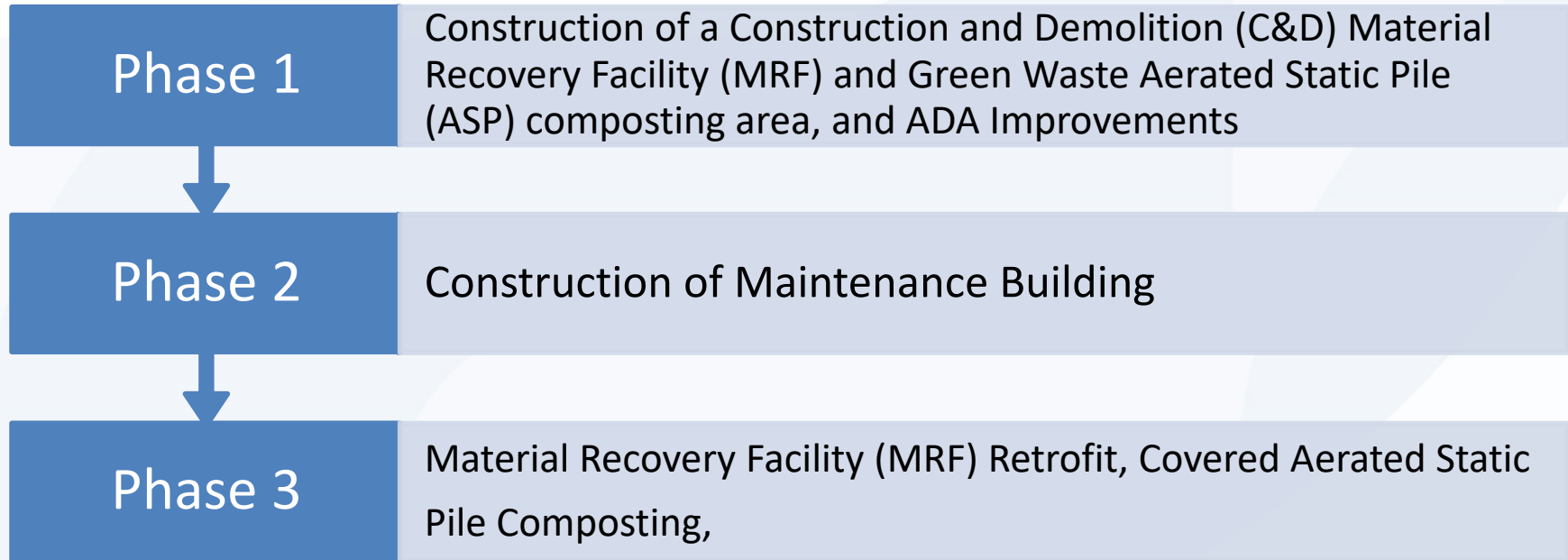
BACKGROUND:

The following report was drafted independently by FCC Environmental Services California, LLC (FCC) and was submitted to WPWMA on February 22, 2023. The attached report is presented to your Board as it was received by WPWMA staff. As such, subjective statements in the report are those of FCC and do not necessarily represent the opinions of staff. Staff has reviewed factual statements provided by FCC and believes those statements are generally accurate based on information available to WPWMA.

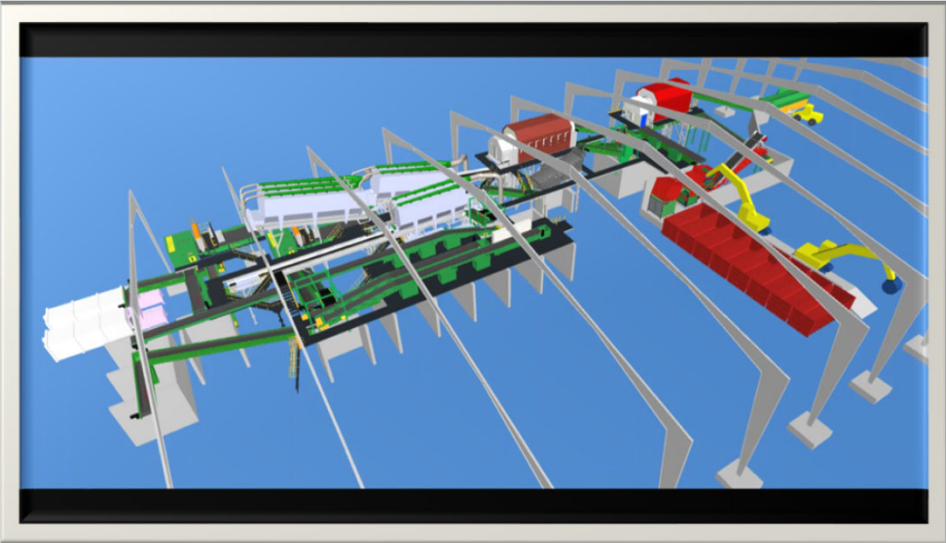
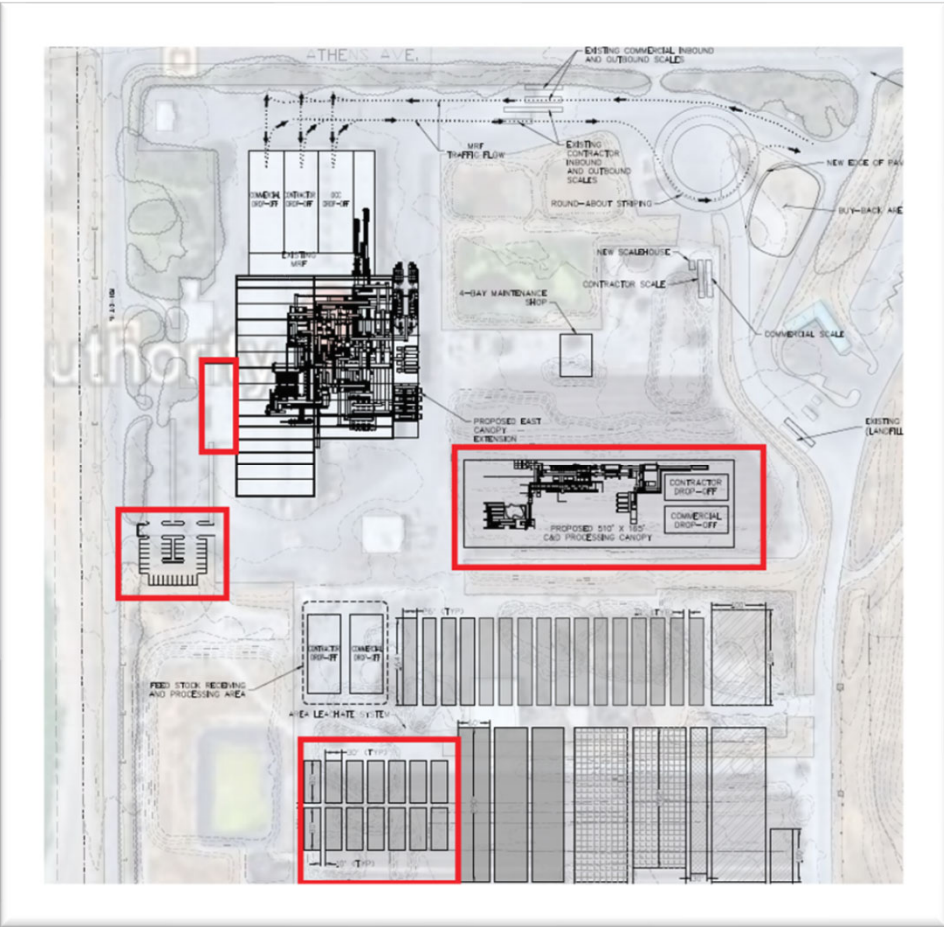


Construction Update
March 2023

Timeline Summary



Phase 1 Construction of a Construction and Demolition (C&D) Material Recovery Facility (MRF) and Green Waste Aerated Static Pile (ASP) composting area, and ADA Improvements



Phase 1. Estimated Timeline

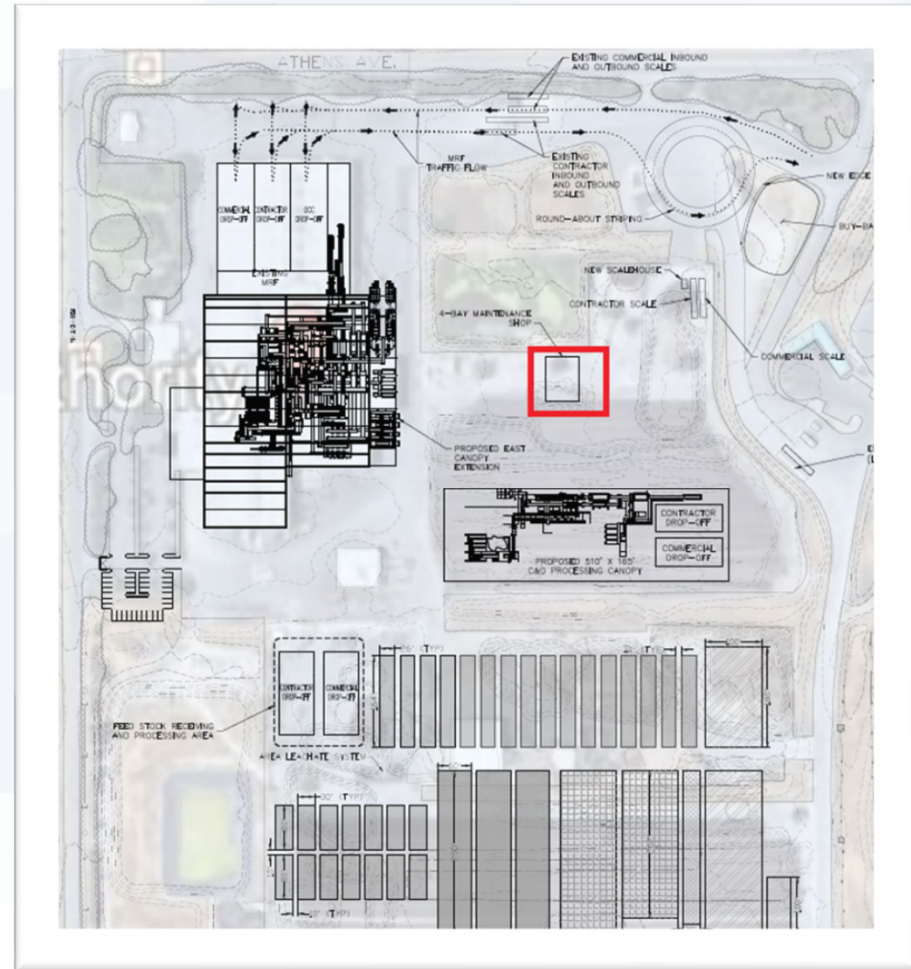


Equipment under fabrication and Land use and building permits submitted for approval

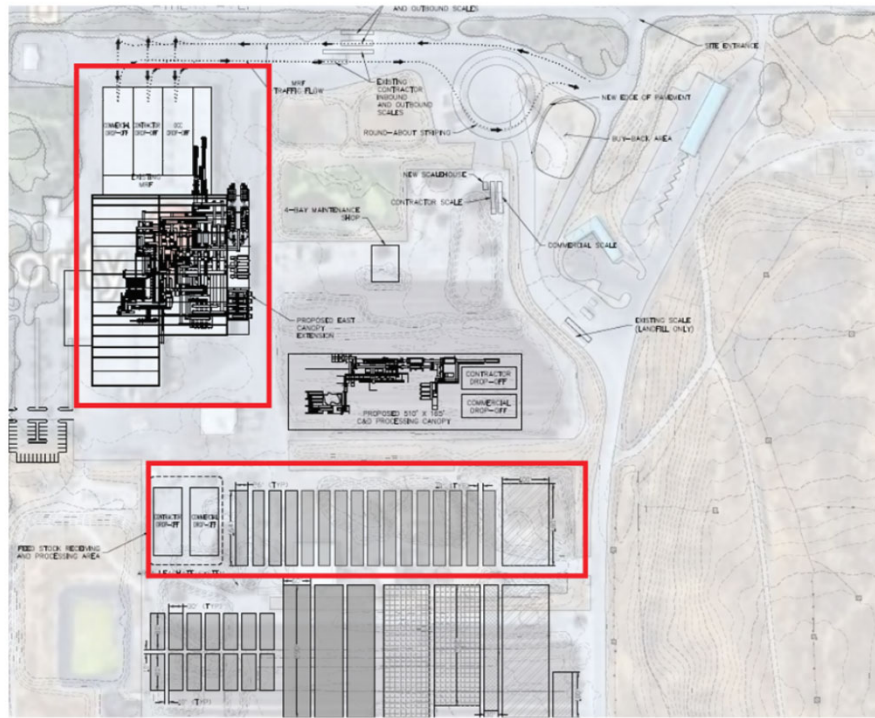
- GC bid posted February 7
- Construction Contract Award March 15
- Construction work begin April 1
- C&D Complete Concrete Work (including curing) May 15
- Begin Equipment Installation June 26
- C&D Canopy Complete September 1
- C&D Electrical Complete October 1
- C&D Remaining Work October 15
- Green Waste ASP October 15
- ADA Improvements October 15
- Commissioning and Equipment Testing November 15

Phase 2 Construction of Maintenance Building

The Maintenance Shop Building that is immediately north of the C&D area. The building will be approximately 9,600 sq. ft.



Phase 3 Material Recovery Facility (MRF) Retrofit, Covered Aerated Static Pile Composting, Pile Composting,



Phase 3. Estimated Timeline



Designed reviewed by WPWMA on February 21

- Equipment Fabrication begins August 2023
- Permitting September 2023
- Demolition of actual equipment December 2023
- MSW Equipment installation begins February 2024
- Civil Improvements MRF Building February 2024
- CASP composting October 2024
- Commissioning and Equipment Testing November 2024



Thank you

www.fccenvironmental.com

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **MARCH 9, 2023**

FROM: **KEN GREHM / WILL SCHEFFLER** *WS*

SUBJECT: **WPWMA OPERATIONS REPORT**

RECOMMENDED ACTION:

None. This report is for information purposes only.

BACKGROUND:

This report focuses on issues specific to ongoing operations of the WPWMA Materials Recovery Facility (MRF) and Western Regional Sanitary Landfill (WRSL).

MRF Fire Repairs

On the evening of November 10, 2021, the MRF suffered a substantial fire that rendered the facility inoperable for three weeks. The MRF operator modified the processing lines to bypass the fire damaged equipment and restore limited processing and recovery capabilities.

On March 10, 2022, your Board authorized the Executive Director to take all necessary actions, including entering into sole source agreements with qualified contractors, to repair the fire damage and restore the MRF to previous processing and recovery capabilities up to a maximum cost of \$2.5 million. Subsequently, WPWMA entered into contracts with Van Dyk Recycling Solutions, Rex Moore Electrical, Johnson Controls Fire Protection, Skyline Scaffolding, and Kodiak Roofing to complete the MRF repairs. Substantial repairs were completed on October 21, 2022, and the MRF was restored to full capacity with FCC's cooperation by December 20, 2022. As part of the First Addendum to the MRF Operating Agreement (First Addendum), during the Fire Recovery Period, the municipal solid waste (MSW) recovery rate FCC was obligated to achieve was reduced from 22% by weight to 8% by weight.

Following completion of the repairs, WPWMA and FCC met and conferred that it was reasonable and appropriate to end the Fire Recovery Period effective at 11:59 pm on January 15, 2023. As of January 16, 2023, the contractual MSW recovery rate 22% was reinstated and the MRF has returned fully to pre-fire operations.

MRF and C&D Recovery Rates

As noted in its 4th Quarter MRF Operations Report, FCC exceeded the contractual recovery requirement of 8% during the subject period. Consistent with the First Addendum, despite exceeding the contractual requirement, FCC is not eligible to receive any incentive payments from the WPWMA during the Fire Recovery Period.

Since the end of the Fire Recovery Period and the subsequent increase in the contractual diversion rate requirement, FCC's MSW recovery rate has increased significantly and is currently just slightly less than the 22% requirement.

Since the Construction and Demolition (C&D) Debris processing operation was not affected by the November 2021 MRF fire, the provisions of the First Addendum did not

apply to FCC’s operation of the C&D facility nor its compliance with the 50% C&D recovery requirement. As noted in its 4th Quarter MRF Operations Report, FCC did not meet the C&D recovery rate requirement during the subject time period. Further, for the fiscal year to date, FCC has achieved an overall C&D recovery rate of approximately 32%. FCC has provided information to the WPWMA regarding the efforts it has made in improving the throughput and operational performance of the C&D processing equipment; FCC and WPWMA staff continue to engage on ways to address the recovery shortfall and staff expect to return to your Board in the near future to discuss the issue in greater detail.

Buy Back Payment Issues

As a part of the MRF Operating Agreement, FCC is required to operate the Buyback/Dropoff Center which includes providing customers with payments for California Redemption Value (CRV) cans and bottles. Historically, payment to customers for redemption of these items has been made in the form of cash.

FCC has indicated that its corporate policy precludes the use of cash and has instituted the use of checks to pay customers for the redemption of their CRV materials. Beginning in mid-December, six buyback customers contacted the WPWMA noting that their FCC-issued checks were declined by their banks due to insufficient funds; in several cases the customers were also charged a fee by their bank for the bounced checks. WPWMA notified FCC of this issue and FCC addressed the issue and fully compensated the affected customers. Although FCC believed it had resolved the issue, at the end of January, twenty-six buyback customers reported the same issue of declined/bounced checks. WPWMA and FCC staff have continued to meet on this issue with the intent of identifying long-term solutions that comply with FCC corporate policies while ensuring operational reliability and customer satisfaction. Since the January incident, WPWMA is not aware of any further instances related to FCC-issued checks.

Odors

The following table provides a summary for the fiscal year to date of odor notifications received by the WPWMA that were determined by staff to be associated in whole or in part with the WPWMA’s operations. For purposes of comparison, the same time periods for the previous two fiscal years are also presented.

Month	FY 2022/23	FY 2021/22	FY 2020/21
July	0	2	3
August	1	4	13
September	0	4	10
October	6	4	30
November	0	0	14
December	0	2	14
January	0	6	8
February	1	5	13

Staff believe that the continued implementation of the WPWMA's Site Wide Odor Plan (SWOP), along with the diligence of the WPWMA's onsite contractors and consultants, is proving to be effective in reducing the frequency and severity of facility odors being perceived and reported by nearby residents. Additionally, with several of the operational changes initiated by FCC, staff believes it is the appropriate time to review and update the SWOP so that it remains an efficient and cost-effective tool for the WPWMA in addressing facility-related odors.

Landfill Gas Emissions

During the fourth quarter 2022, LFG emissions measured at the surface of WRSL were in compliance with the regulatory thresholds set forth by the State and Federal governments and enforced by the Placer County Air Pollution Control District.

WPWMA staff continue to work with SCS to proactively identify when and where additional gas wells should be installed to maximize the amount of landfill gas collected from the WRSL and to ensure continued regulatory compliance.

Facility Tours

Beginning October 11, 2022, WPWMA resumed public tours of WPWMA's facility which had been suspended during the COVID-19 Pandemic and Fire Recovery Period. Since that time, WPWMA staff have provided 14 tours to a combined total of over 100 people. Staff have received overwhelming positive feedback from the participants and expect the volume of facility tours to increase as the weather warms.

Staff will also be developing additional information for posting on the WPWMA's website that highlights the tour route and what participants can expect to see during a tour as well as a participant waiver form.

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **MARCH 9, 2023**
FROM: **KEN GREHM / EMILY HOFFMAN** *eh*
SUBJECT: **CIRCULAR ECONOMY INNOVATION COMPETITION**

RECOMMENDED ACTION:

None. This item is for information purposes only.

BACKGROUND:

At the September 9, 2021 meeting, your Board approved a Master Services Agreement with California State University, Sacramento (CSUS) and the Carlsen Center for Innovation and Entrepreneurship (CCIE) to assist with attracting and mentoring businesses that could beneficially utilize recyclable materials recovered at the WPWMA's facility. At the August 11, 2022 meeting, your Board approved a work order with CCIE to develop, manage, and conduct a circular economy pitch competition on behalf of the WPWMA. In mid-December, CCIE opened the application window for interested parties to complete and submit a brief application that indicated their proposed idea and how it may intersect with the WPWMA's interests. On February 15 the application entry period was closed. The competition attracted 16 different entries that varied from pilot-scale level concepts to fully-scaled, commercial operations.

On February 16, representatives of the WPWMA, its Member Agencies and FCC participated in a review of the applications to select those that appeared to meet or address one or more of the WPWMA's goals noted below.

- Maximize recovery of materials thereby reducing landfill disposal
- Reduce costs (including transportation, energy usage, etc.)
- Enhance revenues
- Create consistency (decreasing volatility of international markets)

Of the 16 applicants, the group selected 12 entities to move to the next phase of the competition where they will have the opportunity to participate in a pitch-crafting bootcamp conducted by CCIE and produce and submit a short video pitch. A summary of the 12 selected applicants is attached.

It is anticipated that the WPWMA/Member Agency/FCC review team will evaluate these pitch videos and, in consultation with CCIE, further refine the applicants to the top 6 -10 for the final round competition. The finalists will have the opportunity to attend workshop and mentoring sessions with CCIE leading up to the final pitch competition on Wednesday, April 19, 2023 at the Growth Factory's Roseville Venture Lab.

As determined by your Board at the February 10, 2023 meeting, Director Alvord and Director Halldin will serve as judges at the final pitch competition; CCIE has also confirmed that representatives of CSUS and the Growth Factory will serve on the final judging panel.

ATTACHMENT: INITIAL SELECTED APPLICANTS

Circular Economy Innovation Competition Initial Selection of Applicants

Company	Location	Description
AgGen Inc.	Davis	Transforming wastes using insects
Algaeo	Knoxville, TN	Turn single-use plastic containers into algae bioreactors for fertilizers and carbon capture
American Recycling Manufacturing Systems (ARMS)	Rocklin	Solar-powered plastic recycling manufacturing system
ElleVMH	Oakland	Resin recycling
JAFCO Industries	Rocklin	Vermicasting; organics recycling with earthworms
NOWON LLC	Los Angeles	Transform MSW into new products including renewable natural gas
Ouros Cloud Closet	Davis	Innovation keeping clothing waste out of landfills
Rocket Baby Transport LLC	Sacramento	Organic gloves for hazardous materials companies
SALUBATA	United States & France	Shoes manufactured using recycled plastic
Shoe Waste LLC	Los Angeles	Recycling shoe waste from production and diverting shoes from the landfill
Upcycle Food Waste	Northern California	Recycling food waste through dairy cows
WasteKnot	Sacramento	Turning plastic waste from medical companies into new products, including fabrics

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

Minutes of February 10, 2023

The meeting of the Western Placer Waste Management Authority Board of Directors was called to order at 3:00 PM by Chairman Karleskint in the WPWMA Administration Building at the Materials Recovery Facility.

Directors Present:

Dan Karleskint
Shanti Landon
Scott Alvord
Bonnie Gore
Bill Halldin

Staff Present:

Ken Grehm
Kevin Bell
Eric Oddo
Robert Sandman
Emily Hoffman

Becky Correa (virtual)

1. Call Meeting to Order: Chairman Karleskint called the meeting to order at 3:00 PM.
2. Pledge of Allegiance: Director Gore led the Pledge of Allegiance.
3. Roll Call: All Directors were present.
4. Statement of Meeting Procedures: Heather Wilden read the procedures for in-person and virtual meeting participation.
5. Election of Officers:

The Board elected officers for calendar year 2023 as follows:

Chair – The Director representing the City of Roseville.

Vice Chair – The Director representing Placer County District 2.

MOTION TO APPROVE ITEM 5:

Gore/Landon

ROLL CALL VOTE:

Halldin:	YES	Karleskint:	YES
Alvord:	YES	Gore:	YES
Landon	YES		

Vote: 5 In Favor, 0 Opposed – Motion Passed

6. Public Comment: None.
7. Announcements & Information:
 - a. Reports from Directors: None.
 - b. Report from the Executive Director: Ken Grehm presented the outgoing Chairman plaque to Director Karleskint and thanked him for his service.

Ken provided an update regarding staff's efforts to seek federal and state grant funding to help potentially offset facility capital and operating costs.
 - c. Auditor's Report: Andy Sisk of the Placer County Auditor's office summarized the Annual Comprehensive Financial Report for the Fiscal Year ending June 30, 2022. Mr. Sisk noted that the WPWMA remains in a strong financial position and that there were no compliance issues or

internal control issues noted during the audit process. Mr. Sisk answered questions from the Board.

- d. Financial Reports: Eric Oddo provided a summary of the financials and answered questions from the Board.
- e. Monthly Tonnage Reports: Eric Oddo provided an overview of the tonnage reports and answered questions from the Board. A copy of the charts presented to the Board at the meeting are included as an attachment to these minutes.

8. Consent Agenda:

- a. Minutes of the Board Meeting held January 12, 2023:
Staff recommended approving the minutes as submitted.
- b. WPWMA Board Meeting Schedule:
Staff recommended approving the WPWMA Board of Directors meeting schedule for calendar year 2023.

Director Gore noted that she has schedule conflicts with the June 8 and October 12 Board meetings. Director Halldin noted he has a schedule conflict with the June 8 Board meeting. Both Directors indicated they would confer with their alternates on their availability to attend in their place. The Board did not reschedule any of the recommended 2023 meeting dates.

MOTION TO APPROVE CONSENT AGENDA:

Gore/Halldin

ROLL CALL VOTE:

Halldin:	YES	Karleskint:	YES
Alvord:	YES	Gore:	YES
Landon	YES		

Vote: 5 In Favor, 0 Opposed – Motion Passed

9. Action Items:

- a. Circular Economy Innovation Competition:
Staff recommended the Board select a WPWMA Board member to serve as a representative on the final Circular Economy Innovation Competition Judging Panel.

Emily Hoffman explained the competition was launched during Global Entrepreneurship week held in mid-November 2022, to date a total of 16 applications had been received, and that the final pitch competition and resulting selection is scheduled for Wednesday April 19 at noon at the Roseville Venture Lab

Directors Alvord and Halldin expressed interest in participating at WPWMA representatives on the final judging panel; the Board moved to appoint both directors to the panel.

**MOTION TO APPOINT ALVORD AND HALLDIN TO JUDGING PANEL:
Gore/Landon**

ROLL CALL VOTE:

Halldin:	YES	Karleskint:	YES
Alvord:	YES	Gore:	YES
Landon	YES		

Vote: 5 In Favor, 0 Opposed – Motion Passed

10. Closed Session:

The Board adjourned to Closed Session to discuss the following:

- a. Government Code 54957(b)(1) – Public Employee Performance Evaluation: Title: WPWMA Executive Director
- b. Significant exposure to litigation pursuant to Government Code 54956.9(d)(2): one potential case.

WPWMA Counsel reported out of Closed Session that no action was taken on Item 10a nor 10b.

11. Upcoming Agenda Items: None.

12. Adjournment: Meeting was adjourned at 5:07 PM.

Respectfully Submitted,

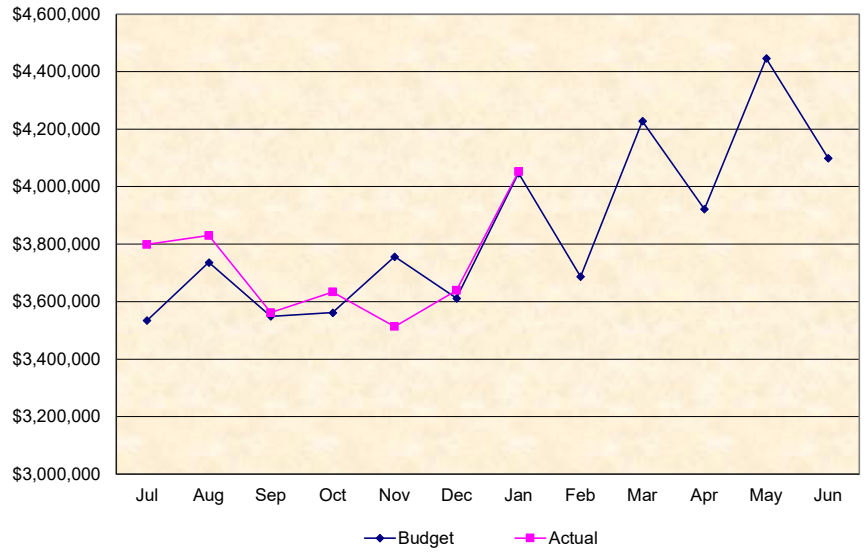


Heather Wilden, Clerk of the Board
Western Placer Waste Management Authority

Fiscal Year 2022-2023

Combined Revenue

Month	Budget	Actual	Variance
Jul	\$3,534,174	\$3,798,942	\$264,767
Aug	\$3,736,199	\$3,829,921	\$93,722
Sep	\$3,548,984	\$3,561,853	\$12,869
Oct	\$3,561,882	\$3,633,625	\$71,744
Nov	\$3,756,273	\$3,513,267	(\$243,006)
Dec	\$3,611,935	\$3,639,173	\$27,238
Jan	\$4,047,005	\$4,051,880	\$4,875
Feb	\$3,686,761		
Mar	\$4,227,596		
Apr	\$3,921,883		
May	\$4,446,557		
Jun	\$4,098,871		
Totals:	\$46,178,120	\$26,028,661	\$232,209

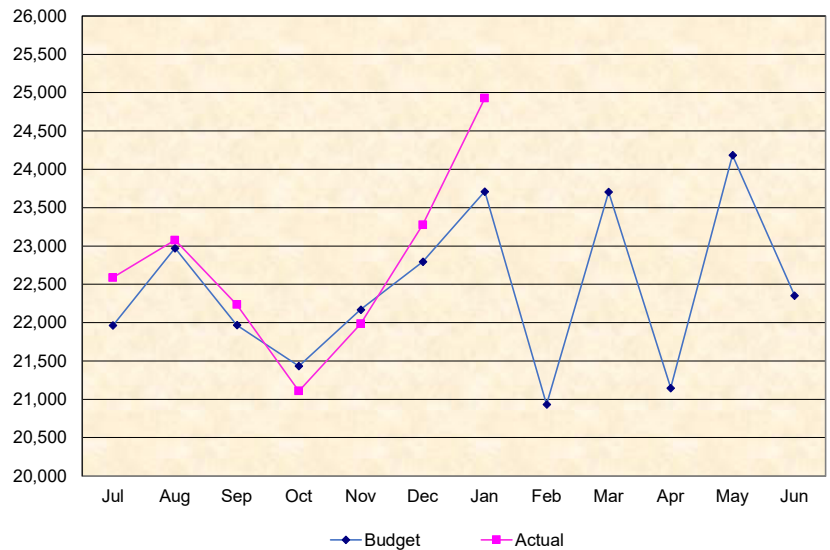


Combined Tipping Fee Revenue Year to Date

Budget	\$25,796,452
Actual:	\$26,028,661
Variance	\$232,209

MSW Tonnage

Month	Budget	Actual	Variance
Jul	21,965	22,588	623
Aug	22,971	23,076	104
Sep	21,969	22,236	267
Oct	21,434	21,110	(324)
Nov	22,171	21,985	(186)
Dec	22,794	23,277	483
Jan	23,712	24,930	1,218
Feb	20,933		
Mar	23,704		
Apr	21,147		
May	24,187		
Jun	22,354		
Totals:	269,339	159,200	2,186

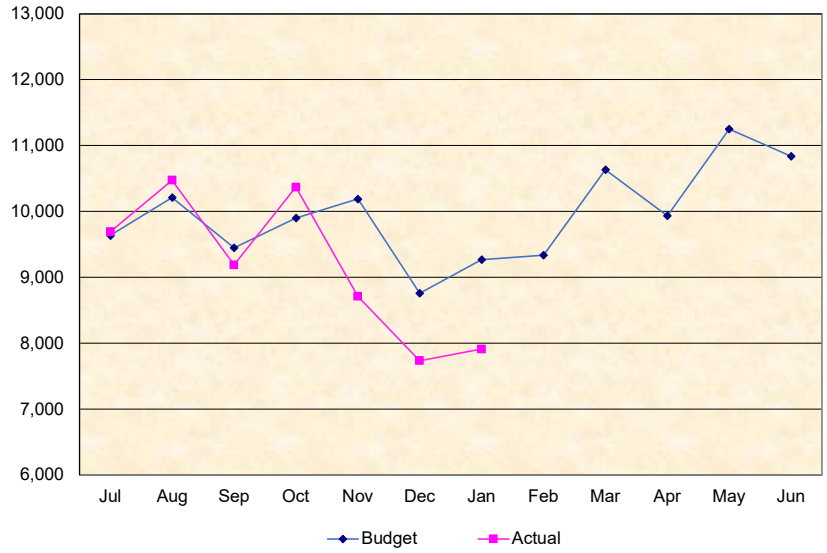


MSW Tonnage Year to Date

Budget:	157,014
Actual:	159,200
Variance	2,186

C&D Tonnage

Month	Budget	Actual	Variance
Jul	9,635	9,690	55
Aug	10,210	10,471	262
Sep	9,448	9,187	(261)
Oct	9,900	10,368	468
Nov	10,189	8,708	(1,481)
Dec	8,757	7,734	(1,023)
Jan	9,268	7,910	(1,358)
Feb	9,336		
Mar	10,634		
Apr	9,932		
May	11,251		
Jun	10,836		
Totals:	119,396	64,068	(3,338)

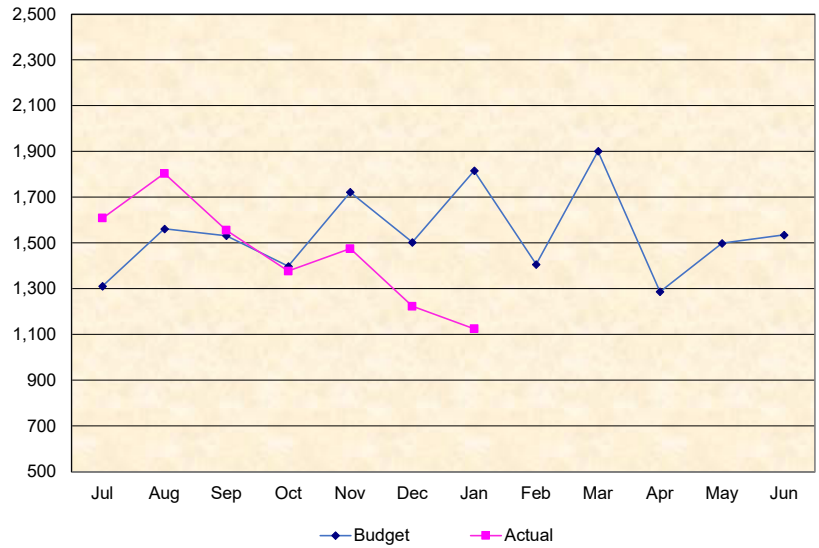


C&D Tonnage Year to Date

Budget:	67,406
Actual:	64,068
Variance	(3,338)

Sludge & Mixed Inerts Tonnage

Month	Budget	Actual	Variance
Jul	1,311	1,608	297
Aug	1,562	1,804	242
Sep	1,531	1,555	24
Oct	1,398	1,377	(21)
Nov	1,722	1,475	(247)
Dec	1,503	1,223	(280)
Jan	1,815	1,125	(691)
Feb	1,406		
Mar	1,901		
Apr	1,287		
May	1,498		
Jun	1,535		
Totals:	18,471	10,166	(677)

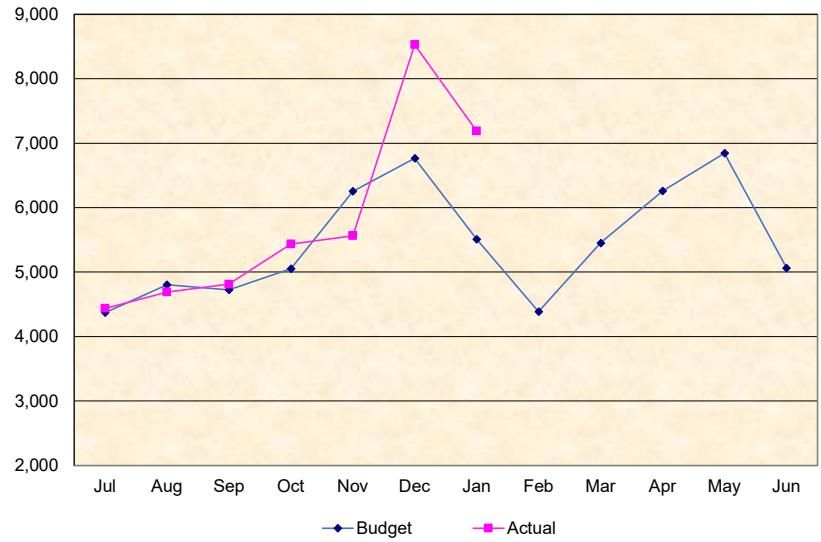


Sludge & Mixed Inerts Tonnage Year to Date

Budget:	10,843
Actual:	10,166
Variance	(677)

Green Waste Tonnage

Month	Budget	Actual	Variance
Jul	4,375	4,437	62
Aug	4,804	4,690	(114)
Sep	4,725	4,813	88
Oct	5,052	5,437	384
Nov	6,256	5,564	(693)
Dec	6,766	8,529	1,763
Jan	5,509	7,189	1,680
Feb	4,388		
Mar	5,454		
Apr	6,260		
May	6,849		
Jun	5,066		
Totals:	65,505	40,659	3,171

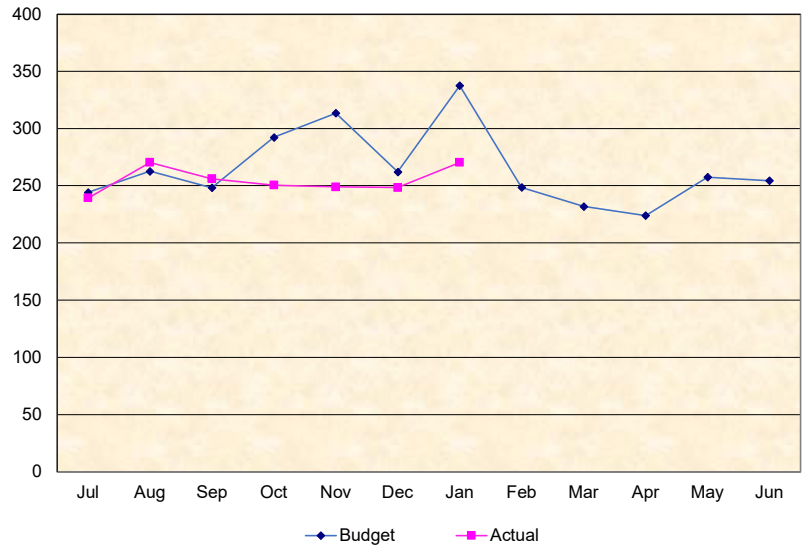


Green Waste Tonnage Year to Date

Budget:	37,488
Actual:	40,659
Variance	3,171

Food Waste Tonnage

Month	Budget	Actual	Variance
Jul	244	239	(5)
Aug	263	270	8
Sep	248	256	8
Oct	292	251	(42)
Nov	313	249	(64)
Dec	262	248	(14)
Jan	337	270	(67)
Feb	248		
Mar	232		
Apr	224		
May	257		
Jun	254		
Totals:	3,176	1,784	(176)

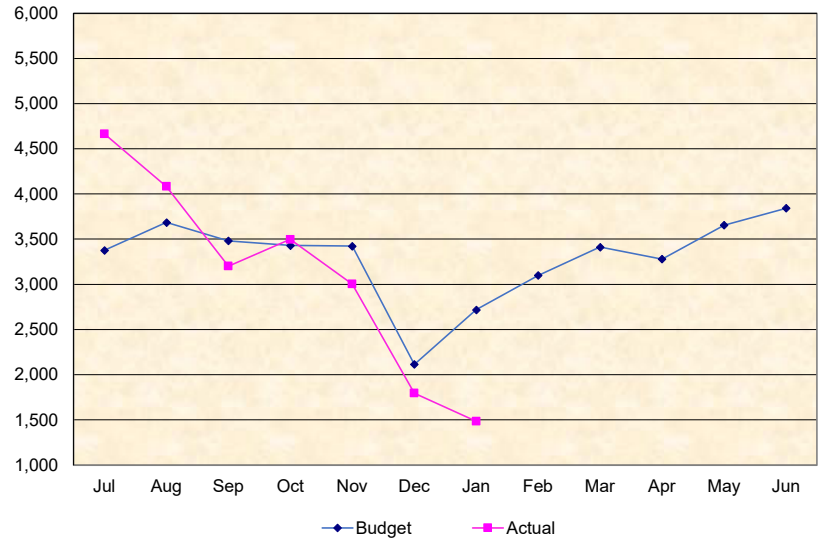


Food Waste Tonnage Year to Date

Budget:	1,960
Actual:	1,784
Variance	(176)

Inerts Tonnage

Month	Budget	Actual	Variance
Jul	3,377	4,666	1,289
Aug	3,686	4,083	397
Sep	3,482	3,202	(280)
Oct	3,430	3,497	67
Nov	3,423	3,004	(419)
Dec	2,116	1,796	(320)
Jan	2,718	1,485	(1,233)
Feb	3,099		
Mar	3,412		
Apr	3,279		
May	3,654		
Jun	3,845		
Totals:	39,522	21,732	(500)

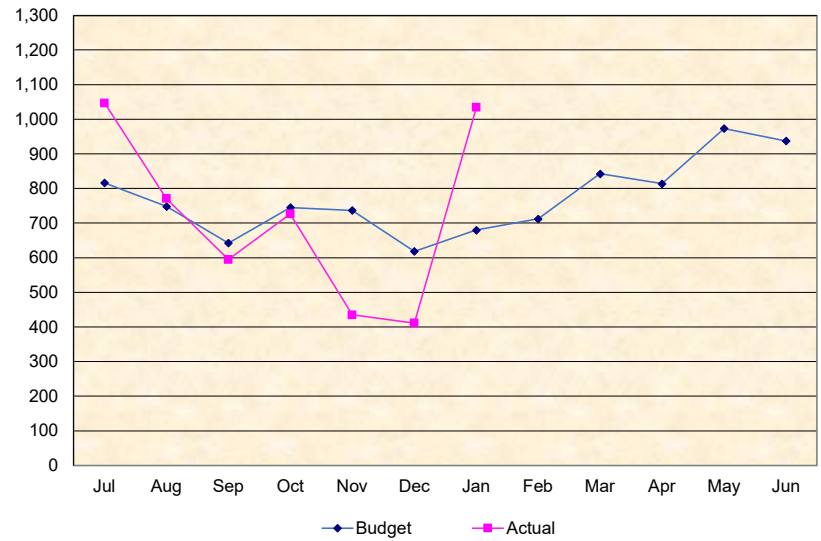


Inerts Tonnage Year to Date

Budget:	22,232
Actual:	21,732
Variance	(500)

Wood Tonnage

Month	Budget	Actual	Variance
Jul	816	1,047	231
Aug	748	771	22
Sep	643	595	(48)
Oct	745	727	(18)
Nov	737	435	(302)
Dec	618	411	(207)
Jan	680	1,034	355
Feb	712		
Mar	842		
Apr	814		
May	973		
Jun	937		
Totals:	9,266	5,020	33

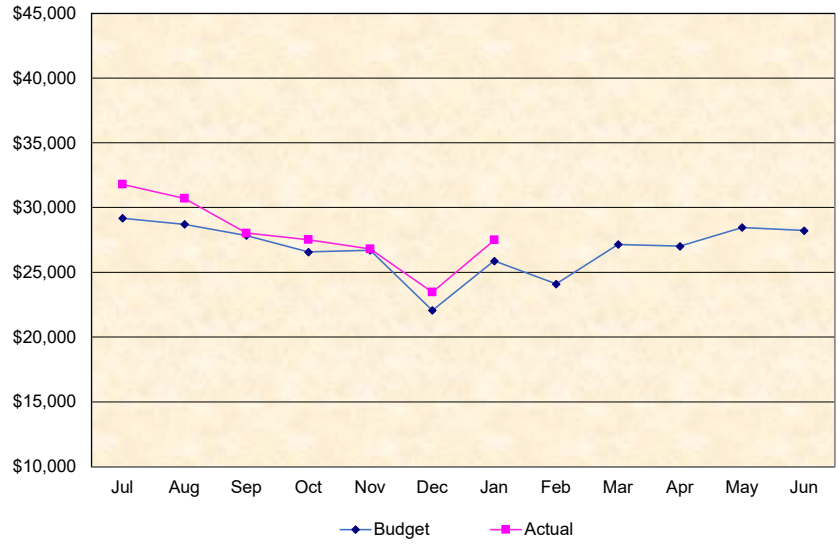


Wood Tonnage Year to Date

Budget:	4,987
Actual:	5,020
Variance	33

Miscellaneous Tipping Fee Revenue

Month	Budget	Actual	Variance
Jul	\$29,174	\$31,807	\$2,632
Aug	\$28,713	\$30,705	\$1,992
Sep	\$27,840	\$28,031	\$191
Oct	\$26,573	\$27,518	\$946
Nov	\$26,706	\$26,800	\$94
Dec	\$22,071	\$23,483	\$1,412
Jan	\$25,878	\$27,492	\$1,614
Feb	\$24,103		
Mar	\$27,150		
Apr	\$27,015		
May	\$28,465		
Jun	\$28,230		
Totals:	\$321,918	\$195,836	\$8,881



Miscellaneous Tipping Fee Revenue Year to Date

Budget:	\$186,955
Actual:	\$195,836
Variance	\$8,881

Miscellaneous tipping fee revenue reflects tipping fees received from tires, treated wood waste, appliances, and water treatment plant sludges.

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **MARCH 9, 2023**
FROM: **KEN GREHM / RYAN SCHMIDT** *RS*
SUBJECT: **NORTH COMPOST LEACHATE POND PROJECT**

RECOMMENDED ACTION:

1. Authorize an increase of \$300,000 to the spending authority delegated to the Executive Director or designee, increasing the total delegated spending authority to an amount not to exceed \$3,228,369.
2. Determine the recommended action is exempt from environmental review pursuant to California Environmental Quality Act Guidelines Section 15301.

BACKGROUND:

At the June 17, 2021, your Board approved plans and specifications for the North Compost Leachate Pond project, directed staff to solicit competitive bids for the project, and authorized the Executive Director or designee to execute the construction contract. The project includes expanding and lining the north compost leachate pond and construction of a forebay and infrastructure connecting the north and south compost leachate ponds. On August 26, 2021, the WPWMA entered into a contract with RJ Gordon Construction, Inc. (RJG).

At the October 14, 2021, your Board confirmed the maximum delegated spending authority to the Executive Director of \$2,647,700. At the June 29, 2022 meeting, your Board approved Change Order 5 to the project, which increased the spending authority by \$280,669 to address project impacts associated with a temporary weather-related suspension of the project.

The Waste Discharge Requirements issued by the State Water Resources Control Board that covers the WPWMA composting operation requires the installation and operation of an aeration system. Both the Waste Discharge Requirements and the WPWMA's Site Wide Odor Plan stipulate minimum oxygen levels that must be maintained within the pond. Additionally, so the WPWMA can more effectively manage the liquid levels in both the North and South compost ponds, a liquid conveyance system was installed connecting the two ponds. During construction, RJG notified the WPWMA that the project plans and specifications did not include all the necessary electrical and mechanical components to meet the aeration system control and inter-pond pumping requirements. WPWMA staff subsequently worked with its design engineer (GeoLogic) to provide the necessary design and specifications thereby allowing RJG to provide a cost to furnish and install the necessary equipment.

This additional work generally consists of furnishing/installing electrical panels that control various aspects of the North Pond infrastructure and the purchase of the floating pump to convey water from the North Compost Pond to the South Compost Pond. RJG and staff estimate a cost of \$300,000 for the work. As there are insufficient funds remaining within the Executive Director's previously approved delegated spending

authority to cover this cost, approval of an increase to the project spending authority by your Board is necessary before the work can be finalized.

In addition, staff negotiated additional work elements with RJG to address the following:

1. During normal operations, the pond aeration system blower emits a very loud, high-pitched sound. At the WPWMA's request, RJG contacted the blower manufacturer and discovered that the manufacturer offers a muffler to dampen noise from the blower during operation. Given the volume and pitch of the noise and the need to run the blower nearly continuously to meet regulatory requirements for oxygen content in the ponds, staff recommends purchase and installation of the muffler system. The associated cost to furnish and install the muffler is \$4,500.
2. During the recent Module 6 soil excavation and relocation project, a portion of the Module 11 geomembrane cover liner was exposed and damaged. Additionally, final geomembrane cover work is needed on the Module 15/16 cover system to identify and repair damaged areas of the geomembrane cover that appear to be causing ongoing liquid surface seeps in violation of the WPWMA's operating permits. Due to RJG's expertise and experience working on landfill liner systems, including those at the WRS�, staff recommends utilizing RJG to conduct the needed repair work. Preliminary discussions between RJG and WPWMA staff suggest allocating \$72,000 to repair the Module 11 Cover Liner and \$50,000 for the Module 15/16 repairs.

ENVIRONMENTAL CLEARANCE:

At the June 17, 2021 meeting, your Board found the modification to the North Compost Pond categorically exempt from further environmental review under California Environmental Quality Act Guidelines, Article 19, Section 15301 "Existing Facilities", which includes minor alteration to an existing facility involving negligible or no expansion of the existing use. The recommended action does not alter this previous finding.

FISCAL IMPACT:

The current remaining spending authority for the project is approximately \$130,418. The cost for the additional work is estimated at \$426,500, therefore an increase in change order authority of \$300,000 is being requested. This would increase the total authorized spending authority for the project to an amount not to exceed \$3,228,369.

Sufficient funding is available in the FY 2022/23 Budget to incur this additional cost.

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **MARCH 9, 2023**
FROM: **KEN GREHM/STEPHANIE ULMER** *SU*
SUBJECT: **AUTHORIZATION TO APPLY FOR CALRECYCLE GRANTS**

RECOMMENDED ACTION:

1. Approve Resolution No. 23-03 authorizing the submittal of applications to the Department of Resources Recycling and Recovery (CalRecycle) for all grants for which the Western Placer Waste Management Authority is eligible.
2. Determine the recommended action is not a project pursuant to California Environmental Quality Act Guidelines Section 15378.

BACKGROUND:

Public Resources Code section 4800 et seq. authorizes CalRecycle to administer various grant programs in furtherance of the State of California's (state) efforts to reduce, reuse and recycle solid waste generated in the state thereby preserving landfill capacity and protecting public health and safety and the environment.

The WPWMA has acted as the administrator of oil recycling grant funds on behalf of the majority of Placer County jurisdictions since 1997, and your Board approved previous resolutions authorizing staff to apply for and administer oil grants funds. WPWMA staff intends to apply for currently available CalRecycle Organics Grant Program funds to help offset costs related to planned compost facility infrastructure improvements implemented by FCC aimed at recovering and composting organics from the municipal solid waste stream. The WPWMA is currently scheduled to fund these infrastructure investments via revenue bonds, which will require continued tip fee increases over the term of the bonds to generate sufficient revenue for repayment. Use of available grant funds to offset some of these costs could allow the WPWMA to reduce the magnitude of future tip fee adjustments or invest in other beneficial material recovery processes.

CalRecycle requires that grant applications be accompanied by a resolution from your Board authorizing submittal. Staff is recommending your Board approve Resolution No. 23-03 which would authorize and empower the WPWMA's Executive Director, Deputy Executive Director, and Program Manager to execute in the name of the WPWMA all grant documents, including but not limited to applications, agreements, amendments and requests for payment necessary to secure grant funds and implement approved grant projects for any grant offered or awarded by CalRecycle.

ENVIRONMENTAL CLEARANCE:

Adopting the recommended resolution is not a project under Section 15378 of the California Environmental Quality Act.

FISCAL IMPACT:

There is no direct cost to the WPWMA associated with the recommended action. CalRecycle has identified up to \$10 million for composting projects and up to \$500,000 for in-vessel composting projects. There are no matching funds required.

ATTACHMENT: RESOLUTION 23-03

Before the Board of Directors

Western Placer Waste Management Authority

In the matter of:

Resolution No. 23-03

A RESOLUTION AUTHORIZING SUBMITTAL OF APPLICATIONS FOR ALL CALRECYCLE GRANTS FOR WHICH THE WESTERN PLACER WASTE MANAGEMENT AUTHORITY IS ELIGIBLE.

The following resolution was duly passed by the Board of Directors of the Western Placer Waste Management Authority at a regular meeting held March 9, 2023, by the following vote on roll call:

Ayes:

Noes:

Abstain:

Absent:

Signed and approved by me after its passage.

Chair, Western Placer
Waste Management Authority

Attest:

Clerk of said Board

WHEREAS, Public Resources Code section 4800 et seq. authorizes the Department of Resources Recycling and Recovery (CalRecycle) to administer various grant programs (grants) in furtherance of the State of California's (state) efforts to reduce, reuse, and recycle solid waste generated in the state thereby preserving landfill capacity and protecting public health and safety and the environment; and

WHEREAS, in furtherance of this authority, CalRecycle is required to establish procedures governing the application, award and management of the grants; and

WHEREAS, CalRecycle grant application procedures require, among other things, an applicant's governing body to declare by resolution certain authorizations related to the administration of CalRecycle grants.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE WESTERN PLACER WASTE MANAGEMENT AUTHORITY:

1. That the Western Placer Waste Management Authority (WPWMA) authorizes the submittal of applications to CalRecycle for all grants for which the WPWMA is eligible.
2. That the WPWMA authorizes and empowers the WPWMA's Executive Director, Deputy Executive Director, and/or Program Manager to execute in the name of the WPWMA all grant documents, including but not limited to applications, agreements, amendments and requests for payment necessary to secure grant funds and implement approved grant projects.
3. That these authorizations are effective for five (5) years from the date of adoption of this Resolution.
4. That this Resolution shall take effect immediately upon its adoption.

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **MARCH 9, 2023**

FROM: **KEN GREHM / EMILY HOFFMAN** *eh*

SUBJECT: **WPWMA STRATEGIC PLAN**

RECOMMENDED ACTION:

Approve the 2023 – 2027 WPWMA Strategic Plan.

BACKGROUND:

An agency's strategic plan is a critical road map that identifies its priorities, energy and resource focus areas, opportunities to strengthen operations and ensure that staff and stakeholders are working toward common goals. It also establishes agreement around intended outcomes and results and when to reassess and adjust the agency's direction in response to changing environments or success of objectives.

In late 2022, staff began researching and developing a multi-year strategic plan to provide a clear road map for continuous forward-moving efforts and a framework for thoughtful evaluation of successes and challenges for the operational and financial betterment of the WPWMA and its Member Agencies. The recommended Strategic Plan is intended to guide the WPWMA through a period of immense transformation, including breaking ground on major renovations to the Materials Recovery Facility, enacting the Renewable Placer Waste Action Plan, and assisting its Member Agencies in addressing waste-related mandates such as SB 1383.

Staff prepared the Strategic Plan based on elements of the WPWMA's Renewable Placer Waste Action Plan, strategic plans of the WPWMA's Member Agencies and similar solid waste agencies, previous direction from your Board, priorities of and discussion with the WPWMA's Technical Analysis Group, the WPWMA's 2020 labor study, and a SWOT (strengths, weaknesses, opportunities, and threats) analysis performed by staff. This evening, staff will be making a presentation to your Board highlighting the components of the recommended Strategic Plan.

Upon your Board's approval, the WPWMA's Strategic Plan will become effective immediately. For the next step in development, staff plan to compile and present a list of suggested Action Plans for your Board's consideration and prioritization that will include specific and measurable activities necessary to meet the identified goals as well as schedule and budgetary-level cost analyses. In addition to the Action Plans that are already in progress, including an Outreach Plan and a Landfill Expansion Plan, staff anticipate including an Economic Development Plan and a Facility Maintenance and Improvement Plan in the recommended list and are interested in receiving other suggested Action Plans that your Board identifies.

ATTACHMENT: WPWMA STRATEGIC PLAN PRESENTATION



Western Placer Waste Management Authority's 2023 - 2027 Strategic Plan

VISION

The WPWMA is recognized as a leader in solid waste management and resource innovation that contributes to our region's prosperity

MISSION

Creating solutions and transforming waste into a resource for a sustainable environment and prosperous economy

CORE VALUES

- *Transparent & Acts with Integrity*
- *Collaborative*
- *Exceeding Expectations*
- *Reliable & Sustainable*
- *Innovative*

STRATEGIC PRIORITIES

Engagement

- *The WPWMA will engage a wider reach of individuals, agencies, and businesses by utilizing existing relationships and building support with new neighbors and partners.*

Leadership

- *The WPWMA will take an active role in providing the systems needed for effective collaboration in achieving success for solid waste needs and diversion requirements of Participating Agencies, meeting the moment as local and industry leaders and experts.*

Reliability

- *The WPWMA will be an independent and reliable community resource. Member Agencies, customers, and regulatory/governing agencies can rely on the WPWMA to provide uniformity of service and exceed expectations in a sustainable way for employees, facilities, and the environment.*

Innovation

- *The WPWMA embraces new ways of thinking to benefit the quality of life in our region and facility operations.*

GOALS

1. *Improve outreach efforts, public education, and customer experience & service*
2. *Enhance economic development and investment in innovation*
3. *Increase material diversion and domestic reuse*
4. *Establish well-planned facility infrastructure and ensure its proper maintenance and operation*
5. *Maintain fiscally responsible systems*
6. *Establish internal policy and inform regional policy*



WPWMA

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2023 – 2027 Strategic Plan

**Western Placer Waste
Management Authority**

Why a strategic plan?

The WPWMA is at a critical transition stage

“An organization’s strategic plan is a critical road map that explains an organization’s priorities, where energy and resources should be focused, how to strengthen operations, how to ensure that staff and stakeholders are working towards common goals, how to establish agreement around intended outcomes and results, and when to assess and adjust the organization’s direction in response to changing environments or successes.”

The WPWMA is preparing to break ground on a new Materials Recovery Facility, recently certified an environmental impact report for the Renewable Placer Waste Action Plan, and is stepping up as a leader to support its Member Agencies in uniquely addressing unfunded mandates.

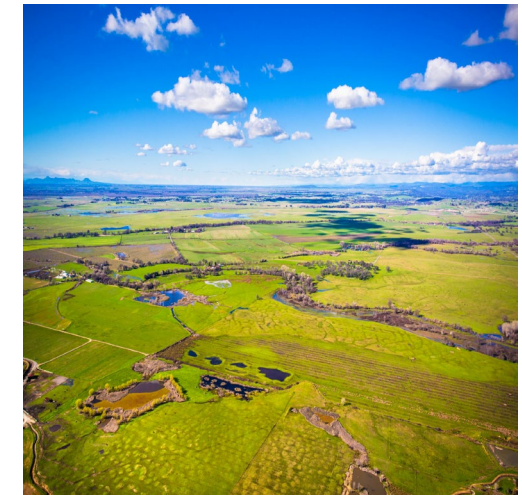


Strategic Plan Intentions

Advocating for the Authority and our Member Agencies needs and interests.

This strategic plan will guide the WPWMA through a period of immense transformation, providing a road map for continuous forward-moving results and a framework for thoughtful evaluation of successes and challenges for the financial and societal betterment of the WPWMA and our Member Agencies and surrounding communities.

It is the intended goal of this strategic plan to generate actions and conclusions that mold and guide the WPWMA to clearly understand, define, and share who we are, what we do and why, with a steady focus on the future.





Strategic plan development

The WPWMA's Strategic Plan was developed by analysis of:

- *Renewable Placer Waste Action Plan*
- *2020 labor study conducted by Municipal Resource Group*
- *Strategic plans of the WPWMA's Member Agencies and similar solid waste agencies*
- *Priorities of the WPWMA's Technical Analysis Group*
- *Direction we have received from your Board*
- *SWOT (strengths, weaknesses, opportunities, and threats) to directly address existing and potential issues, expand upon strengths and make progress on opportunities.*



VISION - Aspirational with a focus on the future, a statement of where the agency is going, *the destination*

MISSION - General statement of how an agency will achieve the vision, defining what the agency stands for and how they will do it, *the guiding light*

CORE VALUES - Define the agency by stating the principles and values staff, contractors, and leaders will follow in carrying out the activities of the agency

STRATEGIC PRIORITIES - How the agency uses the mission to achieve the vision, in harmony with core values, provide a framework for action

GOALS - General statements of what must be accomplished to implement strategic priorities.

ACTION PLANS - Specific implementation plans that outline how an agency will achieve a goal using objectives and additional plan elements

OBJECTIVES - Provide specific milestones and timelines for achieving goals, address measurability, suitability, feasibility, commitment, and ownership

PLAN ELEMENTS - Include budget, actions, key partners, measurements, schedules, and evaluation criteria

Vision

The WPWMA is recognized as a leader in waste management and resource innovation that contributes to our region's prosperity

The vision of an organization provides a high-level, big picture of what the agency seeks to achieve. The vision is aspirational with a focus on the future, a statement of where the agency is going – the destination.



Mission

Creating solutions and transforming waste into a resource for a sustainable future and prosperous economy

*The mission of an organization is a general statement of how an agency will achieve the vision; a purpose for the organization, defining what an agency stands for and how they will do it – **the guiding light.***





Core Values

The WPWMA is:

- **Transparent & Acts with Integrity**
- **Collaborative**
- **Exceeding Expectations**
- **Reliable & Sustainable**
- **Innovative**

The core values define the agency in terms of the principles and values staff and leaders will follow in carrying out the activities of the agency. Core values provide the basis for how the agency and its members will work to achieve the goals of the strategic plan.





Strategic Priorities

- Engagement
- Leadership
- Reliability
- Innovation

The strategic priorities are the ways the agency uses the mission to achieve the vision in harmony with core values. These priorities should be reviewed and potentially revised periodically (annually) during the period of the strategic plan. Strategic priorities are critical to the success of an organization as they provide the framework for action.



Goals

The goals for an organization in a strategic plan are general statements of what needs to be accomplished to implement strategic priorities. Strategic plan goals differ from action plan goals (referred to in the WPWMA’s strategic planning efforts as “objectives”). Goals should be focused on the most-important efforts of an agency and should be limited to avoid the risk of losing focus or strategy.



Goals

1. Improve outreach efforts, public education, and customer experience/service

Suggested actions could include:

- *Increase transparency and engagement with public by researching and implementing new technology tools, email newsletter system, etc.*
- *Research and implement an effective K-12 education program that meets our educational objectives*
- *Seek opportunities for WPWMA staff and leadership to share expertise and thought leadership at a local and industry-wide level*
- *Conduct regular customer satisfaction survey*



Goals

2. Enhance economic development and investment in innovation

Suggested actions could include:

- *Create an advisory committee and/or working group of economic development professionals, industry leaders, entrepreneurs*
- *Develop educational materials for local institutions of higher learning to highlight circular economy innovations*
- *Work with local economic development groups to attract companies to utilize the WPWMA's resources*



Goals

3. Increase material diversion and domestic reuse

Suggested actions could include:

- *Explore innovative options and initiatives for additional increased diversion*
- *When or if appropriate, collaborate with facility operator to reserve a certain amount of recovered materials for local reuse*



Goals

4. Establish well-planned facility infrastructure and ensure its proper maintenance and operation

Suggested actions could include:

- *Direct facility upgrades to guarantee Member Agencies achieve regulatory compliance*
- *Develop and execute plan to permit WPWMA's land for future use as determined in the Renewable Placer Waste Action Plan, including future landfill*
- *Create a maintenance plan for preserving new facility upgrades and current infrastructure*
- *Research additional facility site infrastructure to increase safety and ease of customer experience*



Goals

5. Maintain fiscally responsible systems

Suggested actions could include:

- *Continue to operate with a balanced budget*
- *Increase financial transparency with website upgrades for agenda management and publishing annual financial reports*
- *Research additional revenue streams to maintain a competitive cost structure for the WPWMA's Member Agencies*



Goals

6. Establish internal policy and inform regional policy

Suggested actions could include:

- *Develop a contingency plan to achieve regulatory compliance and continuity of service for our Member Agencies*
- *Research and develop WPWMA-specific policies for waste acceptance, landfilling, public meetings & transparency, ethics & a code of conduct, tarping, and more*
- *Advocate for the needs and interests of our Member Agencies*





Next steps

Developing & Presenting Action Plans

Action Plans are specific implementation plans that outline how an agency will achieve a goal(s) using objectives and plan elements. Action Plans provide the means to execute and implement, track, and review the efforts and outcomes.

Staff proposes regular updates on each goal to share successes, setbacks, and solicit feedback from your Board.

In development: Outreach Action Plan and Landfill Permitting Action Plan





WPWMA

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **MARCH 9, 2023**

FROM: **KEN GREHM / KEITH SCHMIDT** 

SUBJECT: **MODULE 6 LINER CONSTRUCTION**

RECOMMENDED ACTION:

Approve the plans and specifications and authorize staff to solicit bids for the Module 6 Liner Construction Project.

BACKGROUND:

At the June 2021 meeting, your Board approved a contract with WSP USA, Inc. (WSP), formerly Golder Associates, Inc., for the design of the Module 6 liner system. As required by the Regional Water Quality Control Board Waste Discharge Requirements (WDRs) Order R5-2007-0047, the design of the Module 6 liner system is consistent with those of the Module 16 and Module 5 double composite liner systems constructed in 2009 and 2015, respectively. The Module 6 liner system design includes two layers of a geosynthetic clay blanket and high-density polyethylene liner separated by a drainage grid on the floor of the module, and a single composite liner on the side-slope. It also includes a section of liner between Module 6 and Module 12 to separate the newer Class II landfill areas from the older Class III areas as required by the WDRs. Based on WPWMA experience with constructing the Module 16 partial final cover system, staff has also requested WSP's design include a drainage layer on the side slope liner to promote drainage of leachate into the waste and further reduce the likelihood of side slope liner damage and surface seeps.

The fill sequencing plans developed by the WPWMA approximates the need to complete construction of the Module 6 liner system by the spring of 2024. As such, staff recommend construction of the liner system occur this summer.

ENVIRONMENTAL CLEARANCE:

An Environmental Impact Report (EIR) for the Western Regional Sanitary Landfill (WRSL), including final cover projects, was certified by your Board in August of 1996. A supplemental EIR addressing the impacts of landfill heights was certified by your Board in August of 2000. No further environmental review is required.

FISCAL IMPACT:

The engineer's construction cost estimate for the Module 6 excavation is approximately \$7 million. When the WPWMA issued bonds in September 2022 to fund the planned improvements to the materials recovery facility, it also issued \$8 million in bonds to fund the construction of the Module 6 liner system. As a result, based on the recommended project funding, sufficient funds are available to pay for the Module 6 liner construction and it is not anticipated that any additional operating revenues or use of reserve funds will be necessary to complete the project.

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **MARCH 9, 2023**
FROM: **KEN GREHM / WILL SCHEFFLER** *WS*
SUBJECT: **EIGHTH AMENDMENT TO THE AGREEMENT WITH SCS FOR LFG
OPERATION AND MAINTENANCE SERVICES**

RECOMMENDED ACTION:

1. Authorize the Executive Director or designee, upon review and approval by WPWMA Counsel, to sign the Eighth Amendment to the Agreement with SCS Field Services (SCS) to provide landfill gas (LFG) operations and maintenance services for the Western Regional Sanitary Landfill (WRSL) extending services for an additional four months and authorizing additional related services for a total of \$466,641, increasing the total not-to-exceed cost of the Agreement to \$6,261,543.
2. Determine the recommended action is exempt from environmental review pursuant to California Environmental Quality Act Guidelines Section 15301.

BACKGROUND:

On August 28, 2018, your Board directed staff to initiate a request for proposals (RFP) for the operation and maintenance of the LFG and leachate collection and recovery systems. The RFP called for an initial one-year agreement with the selected contractor which could be extended for up to 3 years in one-year increments upon the mutual agreement of both parties.

After a competitive procurement process, your Board approved the Agreement with SCS on February 14, 2019 and has since approved three subsequent one-year term extensions. The last extension was approved by your Board at the January 14, 2021 meeting as part of the Third Amendment to the Agreement.

SCS has been responsive, competent, and professional in providing services for the term of the current Agreement and subsequent amendments. As discussed with your Board during the March 10, 2022 meeting, staff intends to conduct a competitive procurement RFP for these services to start on July 1, 2023. As such, staff recommends extending the Agreement for an additional four-month term to continue these services until the new contract is awarded.

ENVIRONMENTAL CLEARANCE:

Operations, maintenance, and minor alterations of the LFG system are exempt from review under California Environmental Quality Act, Section 15301: Existing Facilities.

FISCAL IMPACT:

The cost of providing the work in the proposed Sixth Amendment is \$466,641 and would increase the total not-to-exceed cost of the Agreement to \$6,261,543. Sufficient funding for these services is available in the FY 2022/23 Budget.

ATTACHMENT: EIGHTH AMENDMENT

ADMINISTERING AGENCY: Western Placer Waste Management Authority

AGREEMENT: SCN101505

DESCRIPTION: Eighth Amendment to Agreement for GCCS and LCRS Operations, Monitoring and Maintenance, and Reporting

This EIGHTH Amendment is made to be effective as of, from and after the day of _____, 2023 and between the **WESTERN PLACER WASTE MANAGEMENT AUTHORITY**, a joint powers authority organized under California law (hereinafter referred to as the "WPWMA"), and Stearns, Conrad and Schmidt Consulting Engineers, Inc. dba **SCS Field Services**, a Virginia Corporation authorized to do business in California (hereinafter referred to as the "Contractor").

RECITALS

1. The WPWMA and Contractor have entered into that certain "Agreement" for the Operation and Maintenance of the Western Regional Sanitary Landfill (WRSL) Gas Collection and Control System (GCCS) and Leachate Collection and Recovery System (LCRS) as of February 20, 2019 which was previously amended as of August 5, 2019 by the First Amendment, as of February 14, 2020 by the Second Amendment, as of January 14, 2021 by the Third Amendment, as of June 17, 2021 by the Fourth Amendment, as of January 12, 2022 by the Fifth Amendment, as of March 14, 2022 by the Sixth Amendment, and as of October 13, 2022 by the Seventh Amendment (hereinafter referred to as the "Agreement").
2. Consultant has consistently performed GCCS and LCRS operations, monitoring and maintenance services for the WPWMA through changing conditions and regulations, maintaining a positive working relationship with the WPWMA and its consultants and contractors.
3. In recognition of the importance of these services and the value in maintaining consistency and reliability in how they are provided, the WPWMA has proposed and Consultant has agreed to extend the term of the existing Agreement for an additional four month period to align with WPWMA's fiscal year for a cost not to exceed Four Hundred Sixty Six Thousand Six Hundred Forty One Dollars (\$466,641) bringing the total not to exceed cost of the Agreement to Six Million Two Hundred Sixty One Thousand Five Hundred Forty Three Dollars (\$6,261,543).
4. The WPWMA and Contractor desire to amend the Agreement to reflect the revised understanding between the parties as set forth below. All references in this Eighth Amendment to a Section, to an Appendix, or to an Exhibit shall refer to that Section or Exhibit of the Agreement, and all terms defined in the Agreement shall have the same meaning herein.

NOW THEREFORE, THE PARTIES AGREE AS FOLLOWS:

- a. The last sentence in Item 2. **Payment**, shall be replaced with the following sentence:

“The total amount payable for all services provided under this Agreement, including Additional Services, shall not exceed Six Million Two Hundred Sixty-One Thousand Five Hundred Forty-Three Dollars (\$6,261,543.00) without the prior written approval of the WPWMA.”

- b. Exhibit B.7 shall be deleted and Exhibit B.8 attached hereto is substituted therefore.

Except as expressly provided in this Eighth Amendment, the Agreement shall remain unchanged and in full force and effect. After this Eighth Amendment is duly executed and delivered by WPWMA and Contractor, this Eighth Amendment shall be and constitute an integral part of the Agreement.

IN WITNESS WHEREOF, the WPWMA and Contractor have executed this Eighth Amendment as of the day and year first above written.

Western Placer Waste Management Authority

By: _____
Ken Grehm, P.E.
Executive Director

Date: _____

SCS Field Services

By: _____
Galen Petoyan,
Senior Vice President

By: _____
Curtis Jang,
Senior Vice President/CFO

APPROVED AS TO FORM:

By: _____
WPWMA Counsel

EXHIBIT B.8
PAYMENT FOR SERVICES RENDERED

Payment to Contractor will be made by the WPWMA on an hourly basis in accordance with Exhibit B-1.4 – Fee Schedule.

Contractor shall submit invoices monthly for work performed describing in detail the work and work hours performed, the person(s) performing the work, his/her hourly rate, and the expenses for which reimbursement is claimed. Contractor shall include a spreadsheet that shows task budgets, charges by task for the current invoice, cumulative charges to date by task, and percent of budget remaining by task. Contractor shall state hours worked by each individual for the given reporting month. Contractor shall state hourly time in increments of no less than one-quarter (1/4) of an hour.

Provided the work has been satisfactorily performed, WPWMA will pay invoices within thirty (30) days after approval of the invoice. Contractor shall provide such additional information as the WPWMA may request to verify any of the amounts claimed for payment in any invoice. Contractor shall not exceed the individual task budgets set forth in Table 1. Such task budgets may be formally amended by written agreement of Contractor and the WPWMA Executive Director or designee. The total amount payable for all services provided under this Agreement shall not exceed Six Million Two Hundred Sixty-One Thousand Five Hundred Forty-Three Dollars (\$6,261,543.00)

Table 1: Not-to-Exceed Task Budgets

Task	Description	Task Budgets		
		Prior to 8 th Amendment	Change from 8 th Amendment	Revised Total
1	GCCS & LCRS Baseline Field Inspection	\$10,000.00	\$0.00	\$10,000.00
2	GCCS & LCRS OMM			
2A	LFG Operation, Monitoring & Maintenance within the BFS	\$357,950.00	\$60,000.00	\$417,950.00
2B	LFG Operation, Monitoring & Maintenance outside the BFS	\$1,388,232.00	\$131,797.00	\$1,520,029.00
2C	LCRS Operation, Monitoring & Maintenance	\$1,129,807.00	\$111,101.00	\$1,240,908.00
3	GCCS & LCRS Reporting			
3A	Immediate Reports	\$15,000.00	\$0.00	\$15,000.00
3B	Biweekly Reports	\$58,123.00	\$5,232.00	\$63,355.00
3C	Monthly Reports	\$101,460.00	\$8,540.00	\$110,000.00
3D	Quarterly Reports	\$62,476.00	\$5,174.00	\$67,650.00
3E	Semi Annual Report	\$36,610.00	\$4,797.00	\$41,407.00
4	Flare Source Testing	\$78,823.00	\$0.00	\$78,823.00
5	Emergency or Non-Routine Monitoring, Maintenance & Reporting			
5A	Response for WPWMA	\$429,582.50	\$50,000.00	\$479,582.50
5B	Response for Energy	\$34,086.00	\$5,000.00	\$39,086.00
5C	Response for Landfill Operator	\$478,078.80	\$25,000.00	\$503,078.80
5D	Response for Landfill Subsurface Oxidation Event	\$15,000.00	\$0.00	\$15,000.00
6	Annual Wellfield Design, Bid, Build, CM & CQA			
6A	Wellfield Design & BID	\$34,616.08	\$0.00	\$34,616.08
6B	Wellfield Build	\$622,595.42	\$0.00	\$622,595.42
6C	Wellfield Construction Management and CQA	\$40,000.00	\$0.00	\$40,000.00
7	Spare Parts/Consumables	\$330,000.00	\$60,000.00	\$390,000.00
8	Prepare Wellfield Improvement Design for Impacted Probe Area	\$18,109.00	\$0.00	\$18,109.00
9	General Engineering Services	\$62,835.20	\$0.00	\$62,835.20
10	Wellfield Improvements	\$417,518.00	\$0.00	\$417,518.00
11	GCCS Evaluation Report	\$55,000.00	\$0.00	\$55,000.00
12	Air Permitting Support	\$19,000.00	\$0.00	\$19,000.00
Total		\$5,794,902.00	\$466,641.00	\$6,261,543.00