



JOHN ALLARD, ROSEVILLE, CHAIR
BONNIE GORE, PLACER COUNTY
BILL HALLDIN, ROCKLIN
DAN KARLESKINT, LINCOLN
ROBERT WEYGANDT, PLACER COUNTY
KEN GREHM, EXECUTIVE DIRECTOR

MEETING OF THE BOARD OF DIRECTORS AGENDA

February 13, 2020 5:00 PM

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

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 at the Clerk of the Board, 3013 Fiddymment Road, Roseville, CA 95747, during normal business hours and at the meeting location immediately before and during the meeting. 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 are hearing impaired, we have listening devices available. If you require additional disability-related modifications or accommodations, including auxiliary aids or services, please contact the Clerk of the Board at (916) 543-3960. 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 five 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 Karleskint)
3. Roll Call
4. Statement of Meeting Procedures (Clerk of the Board)
5. Election of Officers (Ken Grehm) Pg. 3
Elect officers for calendar year 2020.
6. Agenda Approval
7. Timed Items
5:05 P.M.
 - a. Tipping Fee Increase for FY 2020/21 (Eric Oddo) Pg. 5
After conducting a public hearing:
 1. Authorize the Chair to sign the attached Resolution 20-1 that:
 - a) increases most tipping fees effective July 1, 2020, and
 - b) establishes a new temporary tipping fee for Treated Wood Waste effective April 1, 2020; and
 2. Find this action exempt from CEQA pursuant to Section 21080(b)(8) of the Public Resources Code.
8. 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.
9. Announcements & Information
 - a. Reports from Directors -----
 - b. Report from the Executive Director (Ken Grehm) -----
 - c. Financial Reports (Becky Correa) Pg. 13
 - d. Monthly Tonnage Reports (Keith Schmidt) -----

- e. Quarterly MRF Operator's Report (Nortech Waste) Pg. 15
- f. Quarterly Landfill Operator's Report (Nortech Landfill) Pg. 21
- g. Senate Bill 1383 and Organics Management Update (Eric Oddo) Pg. 23
- 10. Consent Agenda
 - a. Minutes of the Board Meeting held November 14, 2019 Pg. 27
Approve as submitted.
 - b. Minutes of the Board Meeting held December 9, 2019 Pg. 31
Approve as submitted.
 - b. First Amendment to the Agreement with Geo-Logic for Waste Acceptance Policy, Waste Classification and Liner Design Services (Keith Schmidt) Pg. 33
Authorize the Chair to sign the First Amendment to the Waste Acceptance Policy, Waste Classification and Liner Design Services Agreement with Geo-Logic Associates authorizing additional construction quality assurance services for a total of \$104,530, increasing the total not-to-exceed cost of the Agreement to \$323,999.
- 11. Action Items
 - a. 2020 Meeting Schedule (Eric Oddo) Pg. 45
Approve the WPWMA Board of Directors meeting date schedule for calendar year 2020.
 - b. Fifth Amendment to the Agreement with SCS Engineers for Water Quality Monitoring and Reporting Services (Keith Schmidt) Pg. 47
Authorize the Chair to sign the Fifth Amendment to the Water Quality Monitoring and Reporting Agreement with SCS Engineers, extending services for an additional year and authorizing additional related services, for a total of \$252,678, increasing the total not-to-exceed cost of the Agreement to \$1,031,788.
 - c. Second Amendment to the Agreement with SCS Field Services for Landfill Gas Operation and Maintenance Services (Keith Schmidt) Pg. 65
Authorize the Chair to sign the Second Amendment to the Agreement with SCS Field Services to provide landfill gas operations and maintenance services for the Western Regional Sanitary Landfill extending services for an additional year and authorizing additional related services, for a total of \$1,261,977, increasing the total not-to-exceed cost of the Agreement to \$2,307,780.
- 12. Closed Session

Anticipated Litigation:

 - a. Significant exposure to litigation pursuant to subdivision (d)(2) of Government Code §54956.9: one potential case.
- 13. Upcoming Agenda Items

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

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS**

DATE: **FEBRUARY 13, 2020**

FROM: **KEN GREHM**

SUBJECT: **ELECTION OF OFFICERS**

RECOMMENDED ACTION:

Elect officers for calendar year 2020.

BACKGROUND:

Your Board traditionally elects officers on a calendar year basis. Current officers are as follows:

Chair: City of Roseville

Vice Chair: County of Placer – District 1

Although your Board may elect any member of the Board as Chair or Vice Chair, your Board has customarily rotated Chair and Vice Chair appointments in the following order:

City of Roseville

County of Placer – District 1

City of Rocklin

City of Lincoln

County of Placer – District 2

Should your Board elect to follow this rotation, the officers for calendar year 2020 would be:

Chair: County of Placer – District 1

Vice Chair: City of Rocklin

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **FEBRUARY 13, 2020**
FROM: **KEN GREHM / ERIC ODDO** 
SUBJECT: **TIPPING FEE INCREASE FOR FY 2020/21**

RECOMMENDED ACTION:

After conducting a public hearing:

1. Authorize the Chair to sign the attached Resolution 20-1 that: a) increases most tipping fees effective July 1, 2020, and b) establishes a new temporary tipping fee for Treated Wood Waste effective April 1, 2020; and
2. Find this action exempt from CEQA pursuant to Section 21080(b)(8) of the Public Resources Code.

BACKGROUND:

Your Board periodically adjusts the WPWMA's tipping fee structure to reflect current and future financial needs while ensuring that the WPWMA remains competitive in the marketplace. The last time your Board adjusted rates was in February 2018 with the adjusted rates effective July 1, 2018.

To ensure that sufficient funding is available for ongoing operations, annual cost of living adjustments to facility operating contracts, and to account for inflation and changes in the California's minimum wage law, staff believes it is prudent to implement an increase to the WPWMA's tipping fee structure. To account for the ongoing cost of odor monitoring and management and increased material handling and processing costs to meet regulatory requirements, staff recommends a proportionally higher fee for select materials (greenwaste, foodwaste and sludge) and a new temporary fee for Treated Wood Waste that more accurately reflects the actual cost associated with managing this material.

Additionally, staff recommends restructuring and reclassifying the Source Separate Food Waste tipping fee. At the November 14, 2002 meeting, your Board approved the addition of a reduced tip fee for commercially collected foodwaste. The lower fee for these materials was intended to provide an incentive to the Participating Agencies to set up collection routes specific to restaurants and grocery stores. The resulting loads were sent directly to the landfill in an effort to minimize the amount of foodwaste sent to the Materials Recovery Facility thereby improving productivity and reducing MRF-related odors. In consideration of California's organic diversion mandates (SB 1383), staff believes it is appropriate to restructure this material category. As proposed, the Source Separated Food Waste tipping fee will only apply to source separated foodwastes suitable for, and directed to, the WPWMA's composting facility.

The proposed tipping fee structure is presented in Exhibit A. Exhibit B provides an historical summary of the tipping fees charged at the WPWMA's facility.

Notice of the public hearing to consider the proposed tipping fee increase was published in the Roseville Press Tribune, Placer Herald, Lincoln News Messenger and Auburn Journal newspapers between February 6th and February 8th. Notice was also posted at each of the WPWMA's scalehouses, on all customer disposal tickets generated by the WPWMA, on the WPWMA's website and distributed to each of the Participating Agencies administrative offices prior to the public hearing. A copy of the notice that was posted in the newspapers, on the WPWMA's website, at the scalehouses and sent to the Participating Agencies is included as Exhibit C. A copy of the notice printed on the disposal tickets is included as Exhibit D.

ENVIRONMENTAL CLEARANCE:

The recommended action is exempt from CEQA under Public Resources Code Section 21080(b) (8), provided your Board adopts findings that the rates are necessary to meet operating expenses necessary for the maintenance of services.

FISCAL IMPACT:

Staff anticipates that annual revenues will increase by approximately \$1,709,000 beginning in FY 2020/21 if the proposed tipping fee structure is approved.

ATTACHMENT: RESOLUTION 20-1
EXHIBIT A – PROPOSED TIPPING FEES
EXHIBIT B – TIPPING FEE HISTORY FOR SELECT MATERIALS
EXHIBIT C – NOTICE OF PUBLIC HEARING
EXHIBIT D – EXAMPLE DISPOSAL TICKET NOTICE

Before the Board of Directors

Western Placer Waste Management Authority

In the matter of:

Resolution No. 20-1

REVISION TO THE TIPPING FEES CHARGED BY THE WESTERN PLACER WASTE MANAGEMENT AUTHORITY

The following **RESOLUTION** was duly passed by the Board of Directors of the Western Placer Waste Management Authority at a regular meeting held February 13, 2020, by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Chair, Western Placer
Waste Management Authority

Attest:

Clerk of said Board

WHEREAS, the Board of Directors has the duty to establish tipping fees for the Western Placer Waste Management Authority's facilities; and

WHEREAS, tipping fees must cover nearly all the costs of operating these facilities; and

WHEREAS, the proposed tipping fees shown in Exhibit A (attached) reasonably correspond to the cost of providing services.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Western Placer Waste Management Authority, that this Board approves the tipping fees presented in Exhibit A, effective July 1, 2020 with the exception of the temporary tipping fee for Treated Wood Waste which will become effective April 1, 2020.

EXHIBIT A

WESTERN PLACER WASTE MANAGEMENT AUTHORITY TIPPING FEES EFFECTIVE JULY 1, 2020

Category	Current Fee	Proposed Fee	Change
Municipal Solid Waste	\$70.00/ton \$15.00/cy	\$73.00/ton \$16.00/cy	\$3.00/ton \$1.00/cy
Construction and Demolition Debris	\$48.00/ton \$15.00/cy	\$51.00/ton \$16.00/cy	\$3.00/ton \$1.00/cy
Sludge and Mixed Inerts ¹	\$35.00/ton	\$39.00/ton	\$4.00/ton
Source Separated Food Waste ²	\$42.00/ton	\$46.50/ton	\$4.50/ton
Source Separated Green Waste	\$38.00/ton \$8.00/cy	\$42.00/ton \$9.00/cy	\$4.00/ton \$1.00/cy
Source Separated Wood Waste ³	\$27.00/ton \$8.00/cy	\$29.00/ton \$9.00/cy	\$2.00/ton \$1.00/cy
Inert Materials ⁴	\$18.00/ton \$15.00/cy	\$20.00/ton \$18.00/cy	\$2.00/ton \$3.00/cy
Water treatment plant sludge	\$8.00/ton	\$9.00/ton	\$1.00/ton
Treated Wood Waste	\$48.00/ton	\$188.00/ton	\$140.00/ton
Refrigerated Appliances	\$32.00 each	\$37.00 each	\$5.00 each
Non-refrigerated Appliances	\$6.00 each	\$8.00 each	\$2.00 each
Car and light truck tires	\$3.50 each	\$3.75 each	\$0.25 each
Semi-trailer tires	\$20.00 each	\$21.00 each	\$1.00 each
Tractor tires	\$80.00 each	\$84.00 each	\$4.00 each
Euclid & Bulk tires	\$200.00/ton	\$210.00/ton	\$10.00/ton

¹ Applies to loads that qualify as Inert Materials but may contain the presence of a small amount of contaminants.

² Applies to separated loads of foodwaste suitable for and directed to the composting facility only.

³ Applies to separated loads of wood, including: lumber, plywood, particleboard, and tree trunks and limbs less than 24 inches in diameter and greater than 1 inch in diameter. Loads can contain no more than 1% of contaminants. Contaminants include painted and treated wood.

⁴ Applies to separated loads of dirt, rock, asphalt and concrete if free from rebar or mesh and broken into pieces less than 2' x 2' x 4".

EXHIBIT B

WESTERN PLACER WASTE MANAGEMENT AUTHORITY TIPPING FEE HISTORY FOR SELECT MATERIALS

Fiscal Year	MSW	C&D	Sludge	Greenwaste	Woodwaste	Foodwaste	Inerts
1995/96	\$57.75	N/A	\$28.50	N/A	N/A	N/A	
1996/97	\$66.00		\$30.00				
1997/98	\$68.00		\$30.90				
1998/99	\$72.00		\$32.50	\$45.00			
1999/00	\$72.75			\$32.85			
2000/01							
2001/02	\$69.75	N/A			N/A		
2002/03							
2003/04							
2004/05							
2005/06							\$50.00
2006/07							
2007/08	\$68.00	N/A	\$31.50	\$35.00	N/A		
2008/09							
2009/10							
2010/11							\$46.00
2011/12							
2012/13							
2013/14							
2014/15							
2015/16	\$69.00	\$47.00	\$33.00	\$36.50	\$26.00	\$40.00	\$16.00
2016/17							
2017/18							
2018/19	\$70.00	\$48.00	\$35.00	\$38.00	\$27.00	\$42.00	\$18.00
2019/20							
2020/21	\$73.00	\$51.00	\$39.00	\$42.00	\$29.00	\$46.50	\$20.00

1. Tipping fees shown in the table represent the cost per ton to dispose of particular material. Per cubic yard disposal rates have been omitted for purposes of clarity.
2. The materials shown above represent approximately 99.4% of the overall tonnage and 99.1% of the total tipping fee revenue typically received by the WPWMA. Tipping fees associated with less prominent materials such as appliances and tires have been omitted for purposes of clarity.
3. N/A – no tipping fee established during the subject time period.

EXHIBIT C

NOTICE OF PUBLIC HEARING

BY WHOM: Western Placer Waste Management Authority

WHERE: Western Placer Waste Management Authority’s
Administrative Offices
3013 Fiddymment Road
Roseville, CA 95747

WHEN: Thursday February 13, 2020 5:05 P.M.

PURPOSE: NOTICE IS GIVEN that the Western Placer Waste Management Authority will conduct a public hearing to receive input on increasing its tipping fees, as identified below, effective July 1, 2020 unless otherwise noted. The proposed fee increases are intended to ensure sufficient funding is available for both ongoing operations and future projects and to account for inflation, ongoing odor monitoring and management and increased material handling and processing costs required by federal, state and local regulation.

Interested persons are invited to attend.

Additional information regarding the proposed fee increases is available for public review during normal business hours at the WPWMA’s administrative offices, 3013 Fiddymment Road, Roseville CA 95747.

PUBLISH: Roseville Press Tribune, Rocklin Herald, Lincoln News Messenger, Auburn Journal

TIPPING FEES

Material Category	Current	Proposed
Municipal Solid Waste	\$70.00/ton, \$15.00/cy	\$73.00/ton, \$16.00/cy
Construction and Demolition Debris	\$48.00/ton, \$15.00/cy	\$51.00/ton, \$16.00/cy
Sludge and Mixed Inerts	\$35.00/ton	\$39.00/ton
Source Separated Food Waste	\$42.00/ton	\$46.50/ton
Source Separated Green Waste	\$38.00/ton, \$8.00/cy	\$42.00/ton, \$9.00/cy
Source Separated Wood Waste	\$27.00/ton, \$8.00/cy	\$29.00/ton, \$9.00/cy
Inert Materials	\$18.00/ton, \$15.00/cy	\$20.00/ton, \$18.00/cy
Water treatment plant sludge	\$8.00/ton	\$9.00/ton
Refrigerated Appliances	\$32.00 each	\$37.00 each
Non-refrigerated Appliances	\$6.00 each	\$8.00 each
Car and light truck tires	\$3.25 each	\$3.50 each
Semi-trailer tires	\$19.00 each	\$20.00 each
Tractor tires	\$76.00 each	\$80.00 each
Euclid & Bulk tires	\$190.00/ton	\$200.00/ton
Treated Wood Waste ¹	\$48.00/ton	\$188.00/ton

1) Effective April 1, 2020.

EXHIBIT D

W.P.W.M.A.
 7:00 AM / 5:00 PM M-F
 8:00 AM / 5:00 PM S-S

INBOUND CASH

000000 Cash Customer-Residential

SITE	TICKET	GRID		WEIGHMASTER	
34	03098940	BUYBACK		Adam Pindar	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/04/20	02/04/20	13:53	13:53	23	
REFERENCE			ORIGIN		
ROSEVILLE					

Stored Gross Wt. 0 LB
 Stored Tare Wt. 0 LB
 Net Weight 0 LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
1.00	unit	Buyback	0.000	0.00	0.00	0.00

Notice:
 A public hearing is scheduled for February 13, 2020
 to consider increases to the WPWMA's tipping fees.
 For more information visit WPWMA.ca.gov

NET AMOUNT
0.00
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____

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Western Placer Waste Management

Western Regional Sanitary Landfill Fund

Income Statement

(unaudited/depreciation excluded)

Year-to-Date

December 2019

	Budget	Actuals	Variance Favorable / (Unfavorable)	Notes
Revenue				
42010:Investment Income	100,041	292,713	192,672	underbudgeted
42030:Rents and Concessions	49,272	93,386	44,115	underbudgeted
46240:Sanitation Services - Other	14,541	10,597	(3,944)	overbudgeted
46250:Solid Waste Disposal	13,753,095	13,417,835	(335,259)	close to budget
46380:Interest Income - Loan Repayments	10,984	14,930	3,946	underbudgeted
48030:Miscellaneous	104,862	45,027	(59,834)	overbudgeted
Total Revenue	14,032,793	13,874,489	(158,304)	close to budget
Expenses				
Capital Assets:				
54430:Buildings & Improvements	221,000	-	221,000	timing
54470:Infrastructure	524,193	-	524,193	timing
54480:Land Improvements	887,209	-	887,209	timing
Operating Expenses:				
52030:Clothing and Personal	1,000	1,081	(81)	
52040:Communication Services Expense	15,551	18,598	(3,048)	coding
52050:Food	375	554	(179)	
52060:Household Expense	500	623	(123)	
52080:Insurance	68,270	132,000	(63,730)	timing
52140:Parts	250	1,803	(1,553)	
52160:Maintenance	39,053	9,020	30,033	coding
52170:Fuels & Lubricants	-	43	(43)	
52180:Materials - Buildings & Improvements	125	8	117	
52240:Professional / Membership Dues	419	3,006	(2,588)	underbudgeted
52250:Services and Supplies	100	15	85	
52260:Misc Expense	3,000	230,831	(227,831)	coding
52270:Department Cash Shortage	150	57	93	
52320:Printing	8,500	8,023	477	
52330:Other Supplies	2,500	9,150	(6,650)	underbudgeted
52340:Postage	1,000	1,086	(86)	
52360:Professional and Special Services - General	1,955,220	578,138	1,377,082	timing
52370:Professional and Special Services - Legal	37,500	25,410	12,090	timing
52380:Professional and Special Services - Technical, Engineering and Environmental				
SC3140 Building Maintenance, Installation & Repairs (GL52380)	13,378	12,500	878	
SC3180 MRF Operations (GL52380)	9,026,820	7,542,350	1,484,470	timing
SC3190 Landfill Operations (GL52380)	1,317,689	788,674	529,015	timing
3SC280: Security, Fire, Safety and Emergency Services (GL52380)	126,354		126,354	coding
SC3320 Environmental and Ecological Services (GL52380)	1,583,832	156,965	1,426,867	coding/timing
52390:Professional and Special Services - County	12,500	17,408	(4,908)	timing
52400:Professional and Special Services - Information Technology	750	65,776	(65,026)	coding/underbudgeted
52440:Rents and Leases - Equipment	1,733	-	1,733	
52450:Rents and Leases - Buildings & Improvements	737	474	263	
52460:Small Tools & Instruments	250	-	250	
52480:PC Acquisition	13,500	26,019	(12,519)	timing
52510:Commissioner's Fees	3,000	3,400	(400)	
52560:Small Equipment	(0)	-	(0)	
52570:Advertising	27,330	22,240	5,090	timing
52580:Special Department Expense	5,000	7,423	(2,423)	timing
52790:Transportation and Travel	17,500	3,613	13,887	timing/overbudgeted
52800:Utilities	354,971	33,981	320,990	timing
52810:Operating Materials	-	45	(45)	
53190:Taxes and Assessments	250,049	24,169	225,879	coding
53390:Transfer Out A-87 Costs	-	-	-	
55510:Operating Transfer Out	-	244,101	(244,101)	coding
59000:Appropriation for Contingencies	5,000	-	5,000	
Total Expenses	16,526,306	9,968,584	6,557,721	
Net Income	(2,493,513)	3,905,904	6,399,417	

Notes:

1. Budgeted revenues and expenses are 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.
2. Differences in the coding between the budgeted and actual revenues and expenses may result in notable reported discrepancies within the report.
3. The amount originally budgeted in 46365:Sales of Electricity has been moved to 48030:Miscellaneous where the actual revenue is booked. The amount originally budgeted in 46190:Road and Street Services has been moved to 46240:Sanitation Services - Other where the actual revenue is booked.

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**MATERIALS RECOVERY FACILITY
QUARTERLY OPERATIONS REPORT
TO
WESTERN PLACER WASTE MANAGEMENT
AUTHORITY**

**2nd QTR, 24th OPERATING YEAR
ENDING December 31, 2019**



**NORTECH WASTE LLC
3033 FIDDYMENT ROAD
ROSEVILLE, CA 95747
916-645-5230**

OPERATIONS REPORT
Materials Recovery Facility Operation
Quarter Ending December 31, 2019 (2nd Qtr. 24th Operating Year)

PROCESSED TONNAGE AND RECOVERY LEVEL:

Processed Tonnage:

Nortech processed 95,655.18 tons through the Materials Recovery Facility (MRF) during the quarter. Of this, 60,786.49 tons were municipal solid waste, 16,512.26 tons were source separated green waste¹, 1,720.65 tons were source separated wood waste, 838.33 tons of food waste MRF², 771.80 tons of food waste compost, and 16,746.30 tons of construction and demolition waste.

Recovery Level:

Overall recovery for the quarter was 41.09% Creditable recovery for the Materials Recovery Facility was 21.91% or 0.09% below the guaranteed minimum recovery level of 22%. Creditable recovery for Construction and Demolition waste was 49.63% or 0.37% below the guaranteed minimum recovery level of 50% for the quarter.

Mechanical & Operational Performance:

The plant operated at 89.1%³ mechanical up time (454.41 hours out of 510) during the quarter. The plant total up time for the quarter was 62.04% (316.40 hours out of 510) electrical, mechanical and other problems are maintained in spreadsheets for easy assessment of reoccurring problems are available for Authority Staff review.

STAFFING:

Staffing for the period averaged 207.70 full time equivalent employees. The permanent, full time staff averaged 107.30, and contract service employees averaged 100.30

<u>Description</u>	<u>Head Count</u>
Total Full Time Equivalent (FTE)	207.7
FTE Nortech	107.3
FTE Contract	100.3
<u>Department</u>	<u>Percentage of Head Count</u>
Tipping Floor	3.9%
Sort Line	36.8%
Glass Line	0.0%
Finished Product	4.8%
Buy Back Center	3.4%
Composting	1.6%
C&D	13.8%
Haz Mat	2.4%
Maintenance	9.8%
Clean Up	8.8%
House & Yard	3.2%
Administration	5.8%
Transportation	3.7%
Public Receiving	1.6%

¹ Any residue from Green waste goes out as MSW residue, yet it is not included in the MSW Inbound, negatively impacting MSW recovery rates; residue off source separated Green waste was 112.32 tons for the quarter

² Nortech receives NO processing fees, yet it is processed through the MRF

³ The plant has five processing lines. Each line provides approximately 20% of total plant capacity. Therefore, a one-hour outage on any one line is equivalent to 12 minutes of total plant capacity

SPECIAL OCCURRENCES:

As of June 1st, 2016, special occurrences are now reported to the Authority on a daily basis by designated Nortech staff. 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.

- o 10/01; Oil spill from broken hose on Loader 12.
- o 10/09; Vendor struck fire hydrant breaking it.
- o 10/30; Fire at C&D, no injuries and no damage
- o 11/17; Customer injured by thrown object
- o 11/19; Packets of whole blood found on sort line. No exposure.
- o 12/18; Employee struck vendor’s truck with vehicle

TRAINING:

Individual Safety Training:

- o New Hire Safety Orientation- 9 new employees
- o LOBO Procedures Training-14 employees
- o Forklift Training-6 employees

Weekly Safety Training:

- o 10/07; Nortech Safety Equipment
- o 10/14; Preventing Needle Sticks
- o 10/21; Injury-Illness Reporting
- o 10/29; Active Shooter
- o 11/05; Hearing Conservation
- o 11/11; Fall Protection
- o 11/18; Maintenance Safety
- o 11/25; Basic Electrical Safety
- o 12/02; Preventing Punctures and Cuts
- o 12/11, Preventing Material Contamination
- o 12/16; Cold Related Illnesses and Injuries
- o 12/23; MRF LOBO Procedures
- o 12/23; Ladder Safety
- o 12/30; Safety Chains and Machine Guarding

Workers Compensation Reporting:

There were 3 recordable injuries this quarter:

<u>Date</u>	<u>Position</u>	<u>Location</u>	<u>Incident</u>
12/02/2019	Janitorial	Aerial Lift	Knee Strain
12/02/2019	Sorter	Sort	Lower Back Strain
12/19/2019	Sorter	Sort Line	Trip and Fall

TOTAL DAYS LOST TIME THIS QUARTER: 4 DAYS

TOTAL DAYS RESTRICTED DUTY THIS QUARTER: 10 DAYS

HOUSEHOLD HAZARDOUS WASTE PROGRAM:

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

In summary:

Quarterly Totals	
Customer Count	5,859
Liquid Waste Processed (<i>gallons</i>)	32,700
Recycled Lead Acid Batteries (<i>tons</i>)	12.95
Recycled Household Batteries (<i>tons</i>)	12.70

REGULATORY COMPLIANCE:

Material Recovery Facility (MRF):

There was one area of concern for the October joint LEA/ Cal Recycle inspection. The concern listed as, "Operator Complies with Terms & Conditions", was noted due to the facility exceeding permitted maximum tonnage on 5/1/19 and being within 10% of maximum tonnage on several other occasions. There were no violations for October. The permit allows for 1750 tons per day. November and December inspections had no violations or areas of concern.

Compost:

Two areas of concerns were listed for October. The concerns were for Fire Prevention, Protection & Control, and Test Results. Compost temperature logs indicated temperatures above 160 degrees and was noted that the facility should work to control temps. Test results was listed as a concern due to temperature logs not aligning to turn logs. This concern was later corrected. There was an area of concern in November due to odor control of food waste compost. The December inspection had an area of concern also for odor control from the south sedimentation pond. The south pond aerators were switched from 12-hour schedule to run 24 hours a day to help minimize odors. There were no violations for the quarter.

SALES:

Prices are continuing to be a major issue and concern in assessing market conditions. Overall, prices continue to see significant fluctuations. Because of this we have experienced significant economic challenges as we handle changing market conditions. With China being committed to restricting incoming recyclables, it will take some time for new markets to develop. We will continue to look for domestic and international buyers to move our products as we shift to deal with changing market conditions.

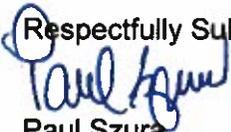
COMMODITY	TONNAGE	AVG PRICE/TON	TOTAL
ADC	11,850	-	\$ -
Aluminum Cans	126	\$ 903.29	\$ 113,842
Aluminum Scrap	21	\$ 240.00	\$ 5,006
Batteries	13	\$ 520.88	\$ 6,751
Cardboard	2,875	\$ 35.51	\$ 102,067
Carpet	-	\$ -	\$ -
Compost	5,753	\$ 14.38	\$ 82,752
Compost Overs	3,289	\$ 2.51	\$ 8,250
CRT's	58	\$ 229.18	\$ 13,313
E-Waste	70	\$ (5.29)	\$ (372)
Film Plastic	-	\$ -	\$ -
Food Waste	-	\$ -	\$ -
Glass	850	\$ (16.90)	\$ (14,359)
HDPE-Colored	108	\$ 244.18	\$ 26,474
HDPE-Natural	113	\$ 888.98	\$ 100,454
Inerts	963	\$ -	\$ -
Lumber	-	\$ -	\$ -
Misc HHW Disposal	165	\$ -	\$ -
Misc Recyclables	179	\$ -	\$ 5,681
Mixed Plastic	-	\$ -	\$ -
Mixed Rigid Large	373	\$ 32.36	\$ 12,074
Mixed Rigid Small	-	\$ -	\$ -
Mixed Waste	-	\$ -	\$ -
Newspaper	45	\$ 41.00	\$ 1,832
Office Pak	-	\$ -	\$ -
PET-Grade A	60	\$ 264.21	\$ 15,955
PET-Grade B	350	\$ 90.19	\$ 31,578
Rock-Crushed	-	\$ -	\$ -
Scrapping Material	51	\$ 263.46	\$ 13,555
Steel	2,820	\$ 32.04	\$ 90,332
Used Oil	-	\$ -	\$ -
Wood Chips-Natural	691	\$ -	\$ 13,071
Wood Chips-BioFuel	3,056	\$ 4.16	\$ 12,702
Wood Chips-Blk	3	\$ 163.08	\$ 561
Wood Chips-Brwn	-	\$ -	\$ -
Wood Chips-Red	8	\$ 90.17	\$ 734
Wood Fuel	-	\$ -	\$ -
TOTAL TONNAGE	33,890		\$ 642,253

SUMMARY:

Nortech continues to pilot the Aeriated Static Pile (ASP) and Open Windrow composting, though we faced several challenges during the quarter, we did identify some alternative processes on the air system that help bring temperatures down. Nortech is also working with the Authority staff to develop other pilot projects to understand how ASP can help comply with SB1383.

Over all operations in the quarter were consistent with prior quarters, finished product moved consistent through the quarter. The facility equipment and its useful life continues to challenge operation, shortages of labor both skilled and un-skilled and being competitive in our local markets continues to be a challenge. Nortech has implemented Carpet Care as of this writing. We also are working on Buy Buy mattress program and hope to have the program implemented in the near future.

Respectfully Submitted,



Paul Szura
Senior Operations Manager
Nortech Waste, LLC

CC: E. Oddo, (WPWMA)
L. Williams, Nortech Waste
E. Tapia, Nortech Waste
D. Dwinger, Nortech Waste
B. Hildenbrand, Nortech Waste



January 15, 2020

**RE: NLI Quarterly Landfill Operations Report – 2nd Quarter of the 11th Operating Year in 2019
(October, November, December)**

Dear Mr. Schmidt,

Pursuant to Section 8.4 “Quarterly Reporting” of the Agreement between the Western Placer Waste Management Authority (Authority) and Nortech Landfill, Inc. (NLI) for operation of the Western Regional Sanitary Landfill (WRSL), NLI submits the following summary of operational activities conducted by NLI during the 2nd Quarter of the 11th operating year – October, November, and December 2019.

Operations

Operations included the burial of 74,771 tons of waste during the quarter. Filling operations consisted of placing waste in Module 5 and 16. Other operations included a second working face and the placement of 1,300 cubic yards (CY) of waste, treated wood waste, and daily cover material to module 14 as instructed by the WPMA staff. During the quarter we applied 205 (CY) of intermediate cover over the (TWW) fill site.

Inspections

Daily load checking and random inspections were performed during the quarter. Monthly site safety inspections were performed by NLI staff. Local Enforcement Agency (LEA) performed three random site inspections during the quarter; there were two Violations and one Area of Concern as it relates to NLI portions of the landfill.

Copies of all inspection reports are included in the NLI operating reports that are submitted to the Authority each month.

Cover Soil Utilization

NLI continues to use tarps, and reuse cover soil in order to minimize the burial of operational material. In addition, NLI uses Alternative Daily Cover (ADC) to maximize Materials Recovery Facility diversion rates and reduce the Authority’s tax liability. These combined activities resulted in an average waste to soil ratio without ADC of 7.68:1. NLI could use less ADC but would then need to bury the ADC as residue and increase the amount of soil used. These totals represent operational material including soil used for cap/ intermediate cover for the quarter. The total number of operational material including cap/ intermediate soil is 35,981 (CY).

Tonnages

The following table includes a summary of buried waste and operational material consumed at the WRSL for the quarter.

Month	Total Volume Change for the month (CY)	Taxable Buried Waste (Tons)	Estimated Taxable Buried Waste (CY)*	ADC (CY)	Soil (CY)	H2O Sludge (CY)	Inert (CY)	Total Operational Material (CY)	Waste To Soil Ratio W/O ADC	Total Density (Lb/CY)
Q2 2019										
October	44,400	24,692	30,987	6,276	5,392	1,745	0	13,413	7.24 :1	1,112
November	37,400	23,468	25,567	5,610	4,531	1,692	0	11,833	7.25 :1	1,255
December	40,000	26,611	29,265	4,803	4,108	1,824	0	10,735	8.74 :1	1,331
TOTAL	121,800	74,771	85,819	16,689	14,031	5,261	0	35,981	7.68 :1	1,228

*Note: *Estimated Taxable Buried Waste (CY) Calculated by using monthly surveyed volumes collected by NLI and subtracting the Total Operational Material Utilized
**Ratio Calculated by Estimated Taxable Buried Waste divided by Total Operational Material (Volume surveyed for the quarter: 121,800 CY)*

Compaction Results

NLI uses global positioning system (GPS) survey equipment to track the amount of airspace consumed. For the quarter, the total airspace consumed as provided by GPS survey was 121,800 cubic yards (CY). Using the scale house records of waste tonnage received and the GPS total airspace consumed, the average density of the buried waste was calculated to be 1,228 lbs/CY, which meets the contractual range of 1,100 to 1,200 lbs/CY.

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

Sincerely,



Brandon Stevens
Contractor's Representative
Nortech Landfill, Inc.

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **FEBRUARY 13, 2020**
FROM: **KEN GREHM / ERIC ODDO** 
SUBJECT: **SENATE BILL 1383 AND ORGANICS MANAGEMENT UPDATE**

RECOMMENDED ACTION:

None. This report is for information purposes only.

BACKGROUND:

The following report provides an overview of SB 1383 and a discussion of the potential implications it will have on future WPWMA operations and tipping fee structures.

Regulatory Overview

In September 2016, Governor Jerry Brown signed SB 1383 into law which established statewide methane emissions reductions targets. Specifically, to reduce the potential for methane emissions associated with the decomposition of landfilled organic materials, SB 1383 requires a 50% reduction in the statewide disposal of organic waste from 2014 rates by 2022 and a 75% reduction by 2025.

Over the past three years, CalRecycle and the California Air Resources Board have been developing regulations for the implementation of SB 1383. The final regulations, expected to be released later this month, will impact everyone from consumers and retailers to jurisdictions and disposal facilities, requiring a minimum of the following activities: adoption of organics-related ordinances, public and commercial education and outreach, waste collection route auditing and contamination monitoring, municipal procurement of recycled organic products, edible food recovery programs, compliance monitoring and reporting, and new or enhanced organics recovery and recycling infrastructure. In addition to these statewide goals, similar diversion requirements are placed on processing facilities.

Definition of Organic Waste

SB 1383 regulations define organic waste as “material originated from living organisms and their metabolic waste products, including but not limited to food, green material, landscape and pruning waste, organic textiles and carpets, lumber, wood, paper products, printing and writing paper, manure, biosolids, digestate, and sludges.”

Regulatory Requirements Applicable to the WPWMA

SB 1383 will require the WPWMA to achieve an organics diversion rate of 50% by 2022 and 75% by 2025.

To demonstrate achievement of these organics diversion performance standards, the WPWMA will be required to sample the following waste streams over a 10-consecutive day period each quarter¹.

- Incoming MSW, C&D, greenwaste, woodwaste and foodwaste
- Residual materials from processing of MSW, C&D, greenwaste, woodwaste and foodwaste
- Individual recovered/marketed organic materials including compost, wood products, mixed paper, newspaper and cardboard

Since 2003, the WPWMA has utilized MRF fines as an alternative daily cover (ADC) at the landfill. Use of this material as ADC has been considered a “beneficial reuse” and qualified as diversion and has conserved landfill space through a reduced reliance on soil as a daily cover material. Under 1383, the organic fraction of the MRF derived ADC will be considered disposal. Previous estimates suggest that approximately 25% of the MRF fines are organic².

Waste Stream Analysis and Estimate of Current Organics Diversion Rate

In an effort to better understand the amount of organic waste in the mixed waste stream received and processed by the WPWMA and the current diversion rate of organic materials achieved at the WPWMA’s facility, your Board approved an Agreement with Cascadia Consulting Group at the June 14, 2018 meeting to conduct a detailed waste stream composition analysis of the following material streams:

- Municipal Solid Waste (MSW) processed at the MRF
- Residual materials resulting from MSW MRF processing operations
- Construction and Demolition (C&D) debris processed at the MRF
- Residual materials resulting from the C&D MRF processing operations
- MSW and C&D direct hauled to the landfill for disposal

Based on the results of the study and taking into account greenwaste and woodwaste recovery operations, residential and commercial buyback operations, biosolids disposal data, and the organic fraction of MRF fines that would be considered disposed, staff estimate that in FY 2018/19, the WPWMA achieved a facility-wide organics diversion rate of approximately 47%. It is unclear at this time how CalRecycle will evaluate compliance with the organics diversion standards (e.g. facility-wide versus individual material streams). Staff are working to arrange a meeting with CalRecycle to discuss this issue and achieve a level of consensus that may influence future organics diversion efforts.

¹ As noted above, the proposed sampling requirements could require approximately 600 individual waste sorts per year. For purposes of comparison, as part of the Cascadia waste composition effort, approximately 360 comparable waste sorts were performed at a cost of approximately \$200,000.

² Capitol Public Finance Group, *Further Evaluation of Western Placer Waste Management Authority Organic Materials Management Options* (2015)

Possible Methods to Achieve 50% Organics Diversion

Based on the results of the Cascadia study, ongoing discussions with Nortech and observations of current facility operations, staff believe the WPWMA could achieve and likely exceed a 50% organics diversion rate through implementation of the following:

1. Limit the application of the Source Separated Food Waste material classification to foodwaste materials directed to the composting facility only. This would reduce the potential for foodwaste to be sent directly to the landfill for disposal.
2. Maximize the amount of MSW and C&D sent to the MRF for processing thereby limiting the amount sent directly to the landfill for disposal.
3. Work with Nortech to further investigate the opportunity to compost a portion of currently non-recoverable, non-marketable paper in the MSW stream³.
4. Investigate methods to reduce the methane generation potential of the organic portion of MRF fines such that their use would not be considered disposal under SB 1383.⁴

Although enacting any of these potential changes would likely not require upstream operational changes by the Participating Agencies or their designated haulers, they would very likely necessitate a modification to the WPWMA's tipping fee structure and processing fees paid to Nortech. Staff will continue to explore these options with Nortech and return to your Board at a future meeting with recommended modifications to the tipping and processing fee structure. As noted above, the degree to which any of these methods is implemented will be influenced by staff's meeting with CalRecycle.

Possible Methods to Achieve 75% Organics Diversion

While the extent of the increase in organics diversion resulting from the above changes is uncertain at this time, achieving 75% diversion will undoubtedly require: 1) upstream changes in the collection of organic materials (specifically residential and commercial foodwastes) by the Participating Agencies and their designated haulers, 2) infrastructure upgrades by the WPWMA and further changes to tipping and processing fee structures, and 3) stable and vibrant recyclables and compost markets.

On January 14, 2020, staff reconvened the regional Organics Management Group (OMG), consisting of representatives from the Member Agencies, Recology, Nortech and the Placer County Local Enforcement Agency, to discuss methods for complying with SB 1383. The Member Agencies expressed interest in co-collection of food and greenwaste as a cost-effective and readily implementable method to collect residential foodwaste. Nortech noted co-collection could jeopardize the Organic Materials Review Institute's (OMRI) "organic" listing of its compost product making the material less valuable and harder to sell. The OMG agreed it would be worthwhile to investigate

³ In a letter dated January 14, 2020, the WPWMA requested Nortech provide a proposal to perform a study to determine the amount of paper that could be added to the composting operation without adversely affecting the ability to market the resulting product.

⁴ The regulations appear to provide an opportunity to continue to fully utilize MRF fines if the organic portion is processed in such a way to reduce their short-lived climate pollutant (e.g. methane) generation potential is reduced below defined thresholds.

methods to insure a foodwaste/greenwaste compost blend could be certified as “organic” and that it would be prudent to implement pilot-scale co-collection to evaluate the impacts of such a program.

Additionally, as part of the WPWMA’s Waste Action Plan, staff will continue to identify and foster public-private partnerships that could serve to identify alternative organics processing methods and increase local demand for products recovered at the WPWMA’s facility.

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

Minutes of November 14, 2019

The meeting of the Western Placer Waste Management Authority Board of Directors was called to order at 5:00 PM by Chairman Allard in the WPWMA Administration Building at the Materials Recovery Facility.

Directors Present:

John Allard
Bonnie Gore
Bill Halldin
Dan Karleskint
Robert Weygandt

Staff Present:

Ken Grehm
Kevin Bell
Eric Oddo
Keith Schmidt
Robert Sandman

Becky Correa
Stephanie Ulmer
Jennifer Snyder
Chris Hanson
Heather Wilden

1. Call Meeting to Order: Chairman Allard called the meeting to order at 5:00 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 Statement of Meeting Procedures into the record.
5. Agenda Approval: There were no changes to the agenda.

MOTION TO APPROVE:

Weygandt/Gore

Vote: Unanimous

6. Public Comment: None.
7. Closed Session:

Anticipated Litigation:

- a. Initiation of litigation pursuant to subdivision (d)(4) of Government Code §54956.9: two potential cases.

WPWMA Counsel reported out of closed session noting that the Board heard one potential case pursuant to 7a and provided direction to staff. Counsel noted that the Board began hearing the second item of anticipated litigation, suspended closed session, and agreed to return to closed session at the conclusion of the open session agenda.

After the Board reconvened and concluded closed session, WPWMA Counsel reported noting that the Board heard the second potential case pursuant to 7a and provided direction to staff.

8. Announcements & Information:
 - a. Reports from Directors: There were no reports from the Directors.
 - b. Reports from the Executive Director: Ken Grehm reported that a copy of the WPWMA's latest SB 1383 comment letter had been provided to the Board. There were no questions from the Board.

- c. Financial Reports: Becky Correa summarized the report. There were no questions from the Board.
 - d. Monthly Tonnage Reports: Keith Schmidt summarized the report and answered questions from the Board.
 - e. 2019 Auburn HHW Collection Event Summary: Stephanie Ulmer summarized the report and answered questions from the Board.
 - f. Year End Legislative Report: Chris Hanson summarized the report and introduced Jason Schmelzer and Priscilla Quiroz of Shaw Yoder Antwih Schmelzer & Lange who provided summaries of the actions taken on legislation relating to solid waste. Mr. Schmelzer and Ms. Quiroz answered questions from the Board.
 - g. Summary of Community Meeting to Discuss Odors: Stephanie Ulmer summarized the report and answered questions from the Board.
9. Consent Agenda
- a. Minutes of the Board Meeting held October 10, 2019:
Staff recommended approving the minutes as submitted.
 - b. Minutes of the Board Meeting held October 31, 2019:
Staff recommended approving the minutes as submitted.
 - c. Cattle Grazing Lease for a Portion of the WPWMA's Property:
Staff recommended the Board:
 - 1. Approve a Lease Agreement with Dobbas Ranch for the use of approximately 158 acres of the WPWMA's eastern property to graze cattle; and
 - 2. Authorize the Executive Director or designee, upon review and approval by WPWMA Counsel, to sign the Lease Agreement.
 - d. Fifth Amendment to the Agreement with Shaw Yoder Antwih Schmelzer & Lange for Legislative Advocacy Services:
Staff recommended the Board authorize the Chair to sign the Fifth Amendment to the Legislative Advocacy Services Agreement with Shaw Yoder Antwih Schmelzer & Lange for a total cost of \$48,000, increasing the total not-to-exceed cost of the Agreement to \$308,000.
 - e. Legal Services Agreement with Meyers Nave Riback Silver & Wilson, PLC:
Staff recommended the Board authorize the Chair to sign an agreement with Meyers Nave Riback Silver & Wilson, PLC for legal services for an amount not to exceed \$100,000.
 - f. Fourth Amendment to the Agreement with SCS Engineers for Water Quality Monitoring and Reporting Services:

Staff recommended the Board authorize the Chair to sign the Fourth Amendment to the Water Quality Monitoring and Reporting Agreement with SCS Engineers related to water quality sampling and analysis of the Module 5, 15 and 16 liner systems for a total of \$9,510, increasing the total not-to-exceed cost of the Agreement to \$779,110.

g. Project 02610 – Gas Collection and Control System Improvements: Notice of Completion:

Staff recommended the Board adopt Resolution 19-05 accepting Project 02610 – Gas Collection and Control System as complete and authorize the Executive Director or designee to execute and file the attached Notice of Completion.

h. Project 1058 – Modules 2 and 10 Leachate Sump Riser Construction:

Staff recommended the Board authorize the Executive Director or designee to: 1) execute and award Construction Project 1058 – Modules 2 and 10 Leachate Sump Riser Construction in the amount of \$128,080 with Swierstok Enterprise, Inc., dba Pro Builders of Orangevale, California, and 2) approve any required change orders consistent with Section 20142 of the Public Contract Code in an amount not to exceed 10% of the value of the contract.

MOTION TO APPROVE THE CONSENT AGENDA:

Gore/Karleskint

ROLL CALL VOTE:

Halldin: Yes

Karleskint: Yes

Allard: Yes

Weygandt: Yes

Gore: Yes

10. Action Items:

a. WPWMA Labor Study:

Staff recommended the Board authorize the Chair to sign an Agreement with Municipal Resource Group to conduct an independent analysis of the WPWMA's staffing and contracting levels for an amount not to exceed \$69,500.

Kevin Bell provided a summary of the report and answered questions from the Board.

MOTION TO APPROVE:

Weygandt/Karleskint

ROLL CALL VOTE:

Halldin: Yes

Karleskint: Yes

Allard: Yes
Weygandt: Yes
Gore: Yes

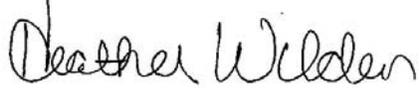
11. Upcoming Agenda Items: None.
12. Adjournment: Meeting was adjourned at 7:58 PM.

MOTION TO APPROVE:

Gore/Weygandt

Vote: Unanimous

Respectfully Submitted,



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

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

Minutes of December 9, 2019

The meeting of the Western Placer Waste Management Authority Board of Directors was called to order at 8:00 AM by Chairman Allard in the WPWMA Administration Building at the Materials Recovery Facility.

Directors Present:

John Allard
Bonnie Gore
Bill Halldin
Dan Karleskint
Robert Weygandt

Staff Present:

Ken Grehm
Kevin Bell
Eric Oddo
Keith Schmidt
Robert Sandman
Heather Wilden

1. Call Meeting to Order: Chairman Allard called the meeting to order at 8:00 AM.
2. Pledge of Allegiance: Director Halldin led the Pledge of Allegiance.
3. Roll Call: All Directors were present.
4. Statement of Meeting Procedures: Heather Wilden read the Statement of Meeting Procedures into the record.
5. Agenda Approval: There were no changes to the agenda.

MOTION TO APPROVE:

Karleskint/Weygandt

Vote: Unanimous

6. Public Comment: None.
7. Announcements & Information:
 - a. Reports from Directors: There were no reports from the Directors.
 - b. Reports from the Executive Director: Ken Grehm apprised the Board of late arriving correspondence related to the Sunset Area Plan / Placer Ranch Specific Plan.
8. Closed Session:

Anticipated Litigation:

 - a. Initiation of litigation pursuant to subdivision (d)(4) of Government Code §54956.9: one potential case.

WPWMA Counsel reported out of closed session noting that the Board heard one potential case pursuant to 8a and provided direction.
9. Action Items:
 - a. Memorandum of Understanding:

Staff recommended authorizing the Chair, or designee, to sign a Memorandum of Understanding with the County of Placer related to the proposed Sunset Area Plan / Placer Ranch Specific Plan.

Eric Oddo summarized the report and answered questions from the Board.

Director Gore noted that it is important for the cities and County to protect and ensure the viability of the WPWMA's facility and indicated she feels that the proposed MOU mitigates some of the effects of future development near the WPWMA's facility.

Director Halldin stated he believes that the odor mitigation costs should be borne entirely by Placer Ranch and that the monetary concessions to the WPWMA in the proposed MOU are insufficient to cover the actual costs of mitigating odors.

Director Karleskint stated he feels the proposed MOU provides reasonable mechanisms to protect the WPWMA's facility.

Director Weygandt indicated he feels the proposed MOU equitably spreads costs of odor mitigation to planned and future development within the areas surrounding the WPWMA's facility and that it provides a reasonable funding mechanism for future growth.

Chairman Allard noted that the proposed MOU provides ongoing funding to help address odor issues at the WPWMA's facility and that the proposed MOU is an acceptable compromise between the WPWMA and Placer County.

Placer County residents Michael Garabedian, William Walters and Sue Engle each expressed their concerns with the proposed MOU and requested the Board not approve the agreement.

**MOTION TO APPROVE:
Weygandt/Gore**

ROLL CALL VOTE:

Halldin: No
Karleskint: Yes
Allard: Yes
Weygandt: Yes
Gore: Yes

11. Upcoming Agenda Items: None.
12. Adjournment: Meeting was adjourned at 9:15 AM.

**MOTION TO APPROVE:
Gore/Weygandt**

Vote: Unanimous

Respectfully Submitted,



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

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **FEBRUARY 13, 2020**
FROM: **KEN GREHM / KEITH SCHMIDT** 
SUBJECT: **FIRST AMENDMENT TO THE AGREEMENT WITH GEO-LOGIC FOR
LINER CONSTRUCTION QUALITY ASSURANCE SERVICES**

RECOMMENDED ACTION:

Authorize the Chair to sign the First Amendment to the Waste Acceptance Policy, Waste Classification and Liner Design Services Agreement (Agreement) with Geo-Logic Associates authorizing additional construction quality assurance services for a total of \$104,530, increasing the total not-to-exceed cost of the Agreement to \$323,999.

BACKGROUND:

After conducting a competitive procurement process, your Board awarded the Agreement to Geo-Logic on December 14, 2017, that included design of a Class II/Class III separation liner and construction quality assurance (CQA) for the resultant liner construction project. As a separate action, the competitive bid for construction of the liner was awarded to Innovative Construction Solutions (ICS). ICS was directed to start work on September 16, 2019; ICS's initial schedule suggested work would be complete within their contracted timeframe of 120 calendar days¹, however ICS now estimates the work will be complete in late March 2020.

State regulations require the WPWMA to ensure CQA services adequately document liner construction activities throughout construction. Because ICS is approximately two and a half months behind schedule, staff recommends your Board amend the Agreement to increase funding for continued CQA services through the anticipated construction end date. Additional factors have also affected Geo-Logic's CQA costs, including: 1) the WPWMA's addition of a new landfill access road (required to facilitate the continued acceptance of Treated Wood Waste to older portions of the landfill) and liner gas control system to the construction contract, and 2) cost of living adjustments in Geo-Logic's rates, some of which are Prevailing Wage rates established by the State Department of Industrial Relations.

Staff further recommends adding construction management duties to the Agreement. While staff would typically provide the necessary construction management duties while also monitoring other facility operations, due to the current limited availability of staff and that the WPWMA Associate Civil Engineer position (who would normally be responsible for this work) remains unfilled. As staff mentioned at the September 2019 Board meeting, to address this workload issue, the County of Placer has been providing Auburn-based staff on a part-time basis to provide construction management services

¹ The construction contract includes provisions for weather related delays that would not count against this figure.

for this project. Staff recommends shifting the construction management responsibility to Geo-Logic's full-time CQA monitor who is equally qualified and already obligated to be present during construction. Staff estimates the consultant's higher charge rates will be offset by more efficient use of personnel.

ENVIRONMENTAL CLEARANCE:

Landfill base liner and final closure projects were addressed in the Environmental Impact Report (EIR) and Supplemental EIR certified by your Board in August of 1996 and August 2000, respectively. No further environmental review is required.

FISCAL IMPACT:

The estimated cost of providing the additional services is \$104,530 and is comprised of the following: 1) \$42,600 for the added landfill access road and gas control CQA, 2) \$3,700 for cost of living related rate adjustments, 3) \$10,750 for added construction management duties, and 4) \$47,480 to extend CQA services through the end of construction (currently estimated by ICS to be March 18, 2020). Sufficient funding for these services is included in the FY 2019/20 Budget. Staff will work with WPWMA Counsel regarding assessment of liquidated damages against ICS which could partially offset the cost of the additional CQA services.

ATTACHMENT: FIRST AMENDMENT

ADMINISTERING AGENCY: Western Placer Waste Management Authority

AGREEMENT: 45188

DESCRIPTION: First Amendment to Agreement for Waste Acceptance Policy, Waste Classification and Liner Design Services

This FIRST Amendment is made to be effective as of, from and after the day of _____, and between the Western Placer Waste Management Authority, a joint powers authority organized under California law (hereinafter referred to as the "WPWMA"), and Geo-Logic Associates, Inc. a California Corporation (hereinafter referred to as the "Consultant").

RECITALS

1. The WPWMA and Consultant have entered into that certain "Waste Acceptance Policy, Waste Classification and Liner Design Services Agreement" as of January 29, 2018 (hereinafter referred to as the "Agreement").
2. The WPWMA and Consultant agree that the Construction Quality Assurance (CQA) budget proposed by Consultant must be increased due to unforeseen project delays caused by a separate construction contractor, the work for which Consultant is providing CQA services.
3. The WPWMA and Consultant agree that additional CQA services are also required to document construction of a landfill access road required to bury treated wood waste and sludge due to a Notice of Violation dated January 17, 2019, from the Water Board, and for additional landfill gas controls in the liner installation process.
4. The WPWMA and Consultant agree that Consultant's cost proposal included in the Agreement was based on construction occurring in 2018 but the project was delayed by the WPWMA until 2019, and that cost of living adjustments apply to the Consultant's fees including those set by the Department of Industrial Relations.
5. The WPWMA requested a cost proposal from Consultant to provide additional CQA services and construction management services through the end of construction and Consultant responded with a cost of One Hundred Four Thousand Five Hundred Thirty Dollars (\$104,530).
6. The WPWMA and Consultant desire to amend the Agreement to reflect the revised budget amounts and fee schedule and to increase the total, not-to-exceed cost of the Agreement from Two Hundred Nineteen Thousand Four Hundred Sixty Nine Dollars (\$219,469) to Three Hundred Twenty Three Thousand Nine Hundred Ninety Nine Dollars (\$323,999).
7. All references in this First 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 therein.

NOW THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. 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 Three Hundred Twenty Three Thousand Nine Hundred Ninety Nine Dollars (\$323,999) without the prior written approval of the WPWMA.”

1. Exhibits A, Task 3.4 Construction Quality Assurance Monitoring and Reporting shall be renamed to “Construction Quality Assurance Monitoring and Reporting, Including Limited Construction Management” with the following scope of work added to the end of the task description:

“Limited Construction Management

Consultant shall provide focused construction management support to the WPWMA for the remainder of the M-5/M-13 Separation Liner project starting in February 2020. Consultant shall provide an experienced construction manager who is also a senior CQA Monitor. The construction management services shall include but not necessarily be limited to, the following tasks:

- Act as the WPWMA’s on-site representative for the subject project
- Perform project document review
- Coordinate construction activities, regulatory agencies, and all stakeholders
- Identify and attempt to resolve conflicts with the contractor
- Review and enforcement of contractor adherence to the construction schedule
- Conduct the weekly meetings, prepare meeting minutes, and issue to the project stakeholders
- Maintain project files
- Coordinate operational planning to avoid conflicts and promote safety
- Maintain an awareness and document health and safety requirements
- Coordinate and process submittal reviews
- Review contractor invoices and pay quantities and make payment recommendations
- Review contractor’s as-built drawings”

2. Exhibits B and B-1 shall be deleted and Exhibits B.1 and B-1.1 attached hereto is substituted therefore.

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

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

Western Placer Waste Management Authority

By: _____
Chair

Date: _____

Geo-Logic Associates, Inc.

By: _____
Gary L. Lass, CEO

Date: _____

By: _____
John M. Hower, Senior Vice President

Date: _____

APPROVED AS TO FORM:

By: _____
WPWMA Counsel

EXHIBIT B.1

PAYMENT FOR SERVICES RENDERED

Payment to Consultant will be made by the WPWMA on an hourly basis in accordance with the schedule attached hereto as Exhibit B-1.1 and subject to the task budgets listed in Table 1.1, below.

Consultant shall submit invoices monthly and describe in detail the work and work hours performed, staff performing the work, staff hourly rate, and expenses for which reimbursement is claimed. Consultant shall also include with the monthly invoice a spreadsheet indicating task budgets, charges by task for each invoice, cumulative charges to date by task, and percent of budget remaining by task. Consultant 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. Consultant shall provide additional information requested by the WPWMA to verify any of the amounts claimed for payment in any invoice. The total amount payable for all services provided under this Agreement shall not exceed **Three Hundred Twenty Three Thousand Nine Hundred Ninety Nine Dollars (\$323,999)**.

The WPWMA may, in its sole discretion, withhold up to ten percent (10%) of any payment as security for the completion of the work. Within thirty (30) days after approval of Consultant's final invoice, and provided all services have been satisfactorily completed, WPWMA shall release and pay any withheld retention.

Table 1.1 – Task Budgets

TASK	DESCRIPTION	ORIGINAL BUDGET	FIRST AMENDMENT	TOTAL
1.0	Waste Classification Designation Evaluation			
1.1	Kickoff Meeting and Class II Designation Review	\$10,030	---	\$10,030
1.2	Comparable Facility Identification	\$2,320	---	\$2,320
1.3	Evaluation of Separation System Necessity	\$2,860	---	\$2,860
1.4	Waste Acceptance Scenario Cost Estimates	\$37,801	---	\$37,801
1.5	Conceptual Landfill Configurations & Operating Scenarios	\$64,993	---	\$64,993
2.0	Waste Acceptance Policy			
2.1	Waste Acceptance Evaluation	\$14,104	---	\$14,104
2.2	Waste Acceptance Policy Preparation	\$8,532	---	\$8,532
3.0	Liner Design and Construction Quality Assurance			
3.1	Liner Design	\$25,999	---	\$25,999
3.2	Construction Bidding & Permitting Assistance	\$4,448	---	\$4,448
3.3	Construction Assistance	\$2,224	---	\$2,224
3.4	Construction Quality Assurance and Limited Construction Management	\$31,158	\$104,530	\$135,688
4.0	Additional Services	\$15,000		\$15,000
TOTAL		\$219,469	\$104,530	\$323,999

EXHIBIT B-1

2020 FEE SCHEDULE

<u>PROFESSIONAL STAFF</u>	<u>UNIT RATE</u>
Staff Professional I	\$115.00/Hour
Staff Professional II	125.00/Hour
Staff Professional III	142.00/Hour
Project Professional I	150.00/Hour
Project Professional II	163.00/Hour
Project Professional III	184.00/Hour
Senior Professional I	202.00/Hour
Supervising Professional/Senior Professional II	222.00/Hour
Principal Professional I	242.00/Hour
Principal Professional II	275.00/Hour
Court Appearance (Expert Witness, Deposition, etc.; four-hour minimum)	2 x HourlyRate
 <u>FIELD/LABORATORY STAFF</u>	
Technician I	82.00/Hour
Technician II	95.00/Hour
Technician III (or Minimum Prevailing Wage)	115.00/Hour
Technician IV	136.00/Hour
Laboratory Manager	152.00/Hour
Principal Technician	163.00/Hour
 <u>CADD/GIS</u>	
CADD/GIS/Database Manager I	100.00/Hour
CADD/GIS/Database Manager II	123.00/Hour
CADD Designer	138.00/Hour
GIS Specialist	148.00/Hour
 <u>SUPPORT STAFF</u>	
Administrative Assistant I	78.00/Hour
Administrative Assistant II	95.00/Hour
Technical Editor	115.00/Hour
Senior Technical Editor	130.00/Hour
 *Overtime Premium is 35% of PERSONNEL CHARGE	
 <u>EQUIPMENT CHARGES</u>	
BAT Permeameter	200.00/Day
Compaction Testing Equipment & Supplies	50.00/Day
Peel & Shear Strength Apparatus (FML Seams)	900.00/Month
Portable Laboratory (8' x 32' trailer) with equipment	1,200/Month
Portable Laboratory (mobilization / demobilization)	1,500.00
ReMi/Refraction Seismograph	600.00/Day
Sealed Single Ring Infiltrometer (SSRI)	200.00/Day or 750.00/Month
Sealed Double Ring Infiltrometer (SDRI)	Call for Quote
Slope Inclinometer	250.00/Day
Unmanned Aerial Vehicle (Drone) Reconnaissance	500.00/Day
 <u>EXPENSES</u>	
Vehicle Use for Field Services	14.00/Hour or 320.00/week
Soil Sampling Equipment & Drilling Supplies	5.00/Hour
Groundwater Sampling Equipment and Supplies	15.00/Hour
Per Diem	Lesser of (Cost +15%) or (Local Government Rate)
Outside Services (Consultants, Surveys, Chemical lab Tests, etc.)	Cost + 15%
Reimbursables (Maps, Photos, Permits, Expendable Supplies, etc.)	Cost + 15%
Outside Equipment (Drill Rig, Backhoe, Monitoring Equipment, etc.)	Cost + 15%

EXHIBIT B-1

PERMITS, FEES AND BONDS

The costs of all permits, fees, and performance bonds required by government agencies are to be paid by the Client, unless stated otherwise in an accompanying proposal.

INSURANCE

Geo-Logic Associates, Inc. carries workers' compensation, comprehensive general liability and automobile with policy limits normally acceptable to most clients. The cost for this insurance is covered by the fees listed in this schedule. Cost of any special insurance required by the Client, including increases in policy limits, adding additional insured parties and waivers of subrogation, are charged at cost plus 15%. Unless otherwise stated, such charges are in addition to the estimated or maximum charges stated in any accompanying proposal.

TERMS

Payment is due upon presentation of invoice and is past due thirty (30) days from invoice date. Past due accounts are subject to a finance charge of one and one-half percent (1-1/2%) per month, or the maximum rate allowed by law.

PROPOSAL PERIOD

Unless otherwise stated, a proposal accompanying this schedule is effective for sixty (60) days. If authorization to proceed is not received within this period, Geo-Logic Associates, Inc. reserves the right to renegotiate the fee.

EXHIBIT B-1

2020 FEE SCHEDULE

<u>TEST NAME</u>	<u>TEST METHOD</u>	<u>UNIT RATE</u>
<u>Geotechnical / Physical Properties</u>		
Moisture Content, gravimetric	D2216/D4643	\$20/Test
Moisture Content (volumetric and gravimetric) and Bulk Density	D2216/D7263	\$55/Test
Particle Size Analyses, Soil*		
Standard Sieves and Hydrometer	D6913/D7928/D422	\$205/Test
Standard Sieves, no Hydrometer	D6913/D422	\$155/Test
Percent Passing #200 Sieve	D1140	\$85/Test
Particle Size Analysis, #4, #40, #200 with wash	D6913M/D422M	\$65/Test
*Up to 5kg, additional mass will be charged at an hourly rate.		
Particle Size Analyses, Aggregate*		
Particle Size Analysis, Aggregate, no hydrometer.....	C136	\$165/Test
Particle Size Analysis, Aggregate with hydrometer.....	C136/D422/D7928.....	\$215/Test
Percent Passing #200 Sieve, Aggregate.....	C117	\$85/Test
*Up to 5kg, additional mass will be charged at an hourly rate.		
Liquid Limit, Plastic Limit, Plasticity Index (LL, PL, and PI)	D4318	\$155/Test
USCS Classification (included with Sieve and Atterberg).....	D2487	\$310/Test
Specific Gravity, Fine (<4.75mm diameter materials)	D854/C128	\$105/Test
Specific Gravity, Coarse (>4.75mm diameter materials)	C127	\$115/Test
Double Hydrometer (add second hydrometer).....		\$150/Test
Standard Proctor Compaction Test		
Method A or B (<25% retained on a 3/8" sieve)	D698	\$200/Test
Method C* (>25% retained on a 3/8" sieve).....	D698	\$220/Test
Modified Proctor Compaction Test		
Method A or B (<25% retained on a 3/8" sieve)	D1557	\$205/Test
Method C* (>25% retained on a 3/8" sieve).....	D1557	\$225/Test
Moisture Density Single Point, std/mod (Proctor check point)	D698/D1557	\$80/Point
* Two 5-gallon buckets needed if >25% is retained on the 3/8" sieve		
Percent Organic Matter by Muffle Furnace.....	D2974	\$90/Test
<u>Permeability / Conductivity Testing</u>		
Rigid Wall Method		
Hydraulic Conductivity, Fixed Wall, up to 6" Diameter Cell.....	D5856M/D2434M	\$350/Test
Hydraulic Conductivity, Fixed Wall, 8" Diameter Cell	D5856M/D2434M	\$350/Test
Hydraulic Conductivity, Fixed Wall, 12" Diameter Cell	D5856M/D2434M	\$500/Test
Rigid Wall Method Under Load*		
Extra Load per Test		\$130/Test
Flexible Wall Method*		
Falling Head, Rising Tail, 1" to 4" Diameter Sample.....	D5084	\$350/Test
Falling Head, Rising Tail, 6" Diameter Sample.....	D5084	\$615/Test
High Pressure >120 psi.....		\$60/Test
* Add Machine Time, per day		
<u>Soil with Amendments and Slurry Testing</u>		
Slurry Wall SB Saturated Hydraulic Conductivity, Falling Head/Rising Tail		
1 to 100 Samples.....	D5084	\$310/Test
101 to 200 Samples.....	D5084	\$300/Test
201 to 300 Samples.....	D5084	\$290/Test
301 to 400 Samples.....	D5084	\$280/Test
Greater than 400 Samples	D5084	\$275/Test
Soil/Cement/Bentonite, Unconfined Compressive (UC) Strength.....	D4832	\$27/Test
Soil/Bentonite, Mix Evaluation		\$310/Test
Soil/Cement/Bentonite, Mix Evaluation.....		\$410/Test

EXHIBIT B-1

2020 FEE SCHEDULE

<u>TEST NAME</u>	<u>TEST METHOD</u>	<u>UNIT RATE</u>
<u>Strength and Consolidation Testing</u>		
Consolidation Testing		
Consolidation Test (single point).....	D2435	\$100/Test
Consolidation Test (without rate data)	D2435	\$160/Test
Test rate data per load increment	D2435	\$65/Test-Load
Consolidation Test (multiple point and t-rates).....	D2435	\$430/Test
Strength Testing		
Unconfined Compressive Strength (UC), 2-3"	D2166	\$95/Test
Unconfined Compressive Strength (UC), 4 or 6"	D2166	\$135/Test
Triaxial Shear		
Unconsolidated-Undrained Triax. Compression (UU), 2-3", 1-pt test.....	D2850	\$200/Test
Unconsolidated-Undrained Triax. Compression (UU), 4", 1-pt test.....	D2850	\$235/Test
Unconsolidated-Undrained Triax. Compression (UU), 6", 1-pt test.....	D2850	\$415/Test
Consolidated Undrained Triax. Compression (CU), 2-3" (per point)....	D4767	\$435/Point
Consolidated Undrained Triax. Compression (CU), 4" (per point)	D4767	\$515/Point
Consolidated Undrained Triax. Compression (CU), 6" (per point)	D4767	\$925/Point
CU – add per point for progressive (staged test)	D4767	\$250/Addtl Point
CU – progressive (staged) 3-point test	D4767	\$1000/Test
Consolidated Drained Triaxial Compression (CD), 2-3" (per point).....	D7181	\$575/Point
Consolidated Drained Triaxial Compression (CD), 4" (per point).....	D7181	\$650/Point
Consolidated Drained Triaxial Compression (CD), 6" (per point).....	D7181	\$1000/Point
High Pressure >120 psi, per point		\$60/Addtl per Point
Direct Shear		
Direct Shear, 2.5" (per point)	D3080	\$185/Point
Additional Cycles (per load)	D3080	\$50/Load
Direct Shear, 12" (per point).....	D3080	\$350/Point
Add machine time, per day, when >2 days of shear		\$60/Day
<u>Rock Testing</u>		
Rock Density	D7263	\$55/Test
Saturated Hydraulic Conductivity.....	D5084	\$350/Test
Rock Point Load Index, 1-break	D5731	\$40/Test
Rock Point Load Index, multiple breaks	D5731	\$190/Test
Rock Joint Direct Shear, per point	D5607	\$265/Point
Rock Join Direct Shear, add per load	D5607	\$95/Load
Uniaxial Strength, Peak only.....	D7012	\$135/Test
<u>Other Testing</u>		
pH of Soil	D4972	\$22/Test
Dry Rodded Unit Weight	C29	\$80/Test
<u>Geosynthetics Testing</u>		
Large Scale Direct Shear		
Geosynthetic/Geosynthetic, per point.....	D5321	\$230/Point
Soil/Geosynthetic, per point	D5321	\$310/Point
Geosynthetic Clay Liner (GCL), per point	D6243	\$330/Point
Soil/GCL, per point	D6243	\$310/Point
Sandwich (multiple layers), per point		\$430/Point
Large Scale Puncture		
Large Scale Puncture, modified.....	D5514M.....	\$430/Test
Puncture Test, High Pressure >120 psi, add per point		\$85/Addtl per Point

EXHIBIT B-1

2020 FEE SCHEDULE

Other Charges

Sample preparation or processing.....	\$100/hour
Sample Shipping	Call for Quote
Subcontracted Analyses	Call for Quote
Hazardous material surcharge (sample/containment dependent)	Call for Quote
Sample Storage.....	Call for Quote
Rush Fee/Fast-track surcharge (sample/test dependent)	Call for Quote

All test methods are ASTM unless otherwise noted.

Special sample preparation and laboratory testing not listed above will be charged at applicable personnel rates.

All laboratory test rates are for standard turn-around time and normal reporting procedures. Rush orders will be subject to a 25 percent premium. Manpower requirements or test protocol may preclude the granting of a rush request.

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **FEBRUARY 13, 2020**
FROM: **KEN GREHM / ERIC ODDO** 
SUBJECT: **2020 MEETING SCHEDULE**

RECOMMENDED ACTION:

Approve the WPWMA Board of Directors meeting date schedule for calendar year 2020.

BACKGROUND:

Your Board has historically conducted the regularly scheduled meetings of the WPWMA Board of Directors on the second Thursday of each month. In past years, there have been schedule conflicts that have resulted in one or more directors missing a scheduled meeting.

To reduce the potential for such conflicts in the future, staff has worked with representatives of the Member Agencies to identify known conflicts that could affect one or more members of your Board from being able to attend the regularly scheduled meetings. Examples of potential conflicts include participation at the annual Sacramento Metro Chamber Cap-to-Cap trip to Washington, D.C.; other committee assignment meetings; special events; and situations where both the primary and alternate directors are unavailable.

After conferring with the Member Agencies, staff has prepared the proposed calendar year 2020 meeting schedule (attached) for your Board's consideration. Where applicable, the attached calendar denotes when staff recommends an alternative meeting date.

ATTACHMENT: 2020 MEETING SCHEDULE

**WPWMA BOARD OF DIRECTORS
2020 MEETING SCHEDULE**

Date	Notes
March 12 th	
April 9 th	Conflict for one director. Consider moving meeting to April 16th
May 14 th	Conflict for two directors. Consider moving meeting to May 21st
June 11 th	Conflict for one director. Consider moving meeting to June 18th
July 9 th	
August 13 th	Conflict for one director. Consider moving meeting to August 20th
September 10 th	Conflict for one director. Consider moving meeting to September 17th
October 8 th	Conflict for one director. Consider moving meeting to October 15th
November 12 th	
December 10 th	

**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **FEBRUARY 13, 2020**
FROM: **KEN GREHM / KEITH SCHMIDT** 
SUBJECT: **FIFTH AMENDMENT TO THE AGREEMENT WITH SCS ENGINEERS
FOR WATER QUALITY MONITORING AND REPORTING SERVICES**

RECOMMENDED ACTION:

Authorize the Chair to sign the Fifth Amendment to the Water Quality Monitoring and Reporting Agreement (Agreement) with SCS Engineers (SCS), extending services for an additional year and authorizing additional related services, for a total of \$252,678, increasing the total not-to-exceed cost of the Agreement to \$1,031,788.

BACKGROUND:

The WPWMA has historically contracted with a firm to provide regular water quality monitoring and reporting services as part of the facility's Waste Discharge Requirements, including: routine quarterly sampling; laboratory analysis; desktop analysis; and reporting for stormwater, compost leachate, groundwater and the water vapor entrained in the soil above the groundwater. After a competitive procurement process, your Board approved the Agreement with SCS on July 13, 2017. SCS has been responsive, competent and professional in providing services for the term of the current Agreement, and staff recommends extending the Agreement for an additional one-year term to continue these services.

Additionally, staff have identified the need to connect the existing leachate pump stations to permanent grid power and the WPWMA's supervisory control and data acquisition (SCADA) system to provide SCS and WPWMA the ability to verify system effective system operation and regulatory compliance and allocate resources as needed. Staff requested a proposal from SCS to prepare construction drawings and specifications for providing power to the leachate pump stations and negotiated the attached Fifth Amendment with a new task for these additional services. Staff will return to your Board with any design documents produced by SCS for authorization to solicit construction bids for the power and SCADA system upgrades.

ENVIRONMENTAL CLEARANCE:

All work required under this Agreement is categorically exempt under CEQA Guidelines, Article 19, Section 15306 "Information Collection", which allows for data collection when such activities do not result in a serious or major disturbance to an environmental resource.

FISCAL IMPACT:

The cost of providing the services included in the attached Scope is \$252,678. The proposed Fifth Amendment would increase the total not-to-exceed cost of the Agreement to \$1,031,788. Sufficient funding for these services is included in the FY 2019/20 Budget.

ATTACHMENT: FIFTH AMENDMENT

ADMINISTRATING AGENCY: Western Placer Waste Management Authority

AGREEMENT NO.: 45187

DESCRIPTION: Fifth Amendment to the Water Quality Monitoring Services Agreement

This FIFTH Amendment is made to be effective as of, from and after the day of _____ 2020, and between the **WESTERN PLACER WASTE MANAGEMENT AUTHORITY**, a joint powers authority organized under California law (hereinafter referred to as the "WPWMA"), and **SCS ENGINEERS** (hereinafter referred to as the "Consultant").

RECITALS

1. The WPWMA and Consultant have entered into that certain "Water Quality Monitoring Services Agreement" as of July 13, 2017 which was previously amended by the First Amendment as of May 10, 2018, the Second Amendment as of April 15, 2019, the Third Amendment as of October 10, 2019 and the Fourth Amendment as of December 9, 2019 (hereinafter referred to as the "Agreement").
2. Consultant has consistently performed water quality monitoring 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 one-year period for a cost not to exceed Two Hundred and Ten Thousand Four Hundred Dollars (\$210,400).
4. The WPWMA also requested a cost proposal from Consultant to provide leachate pump station power and SCADA construction drawings and specifications, and Consultant responded with a cost not to exceed Thirty-Six Thousand Seven Hundred Seventy-Eight Dollars (\$36,778).
5. The WPWMA also requested uploading of historic groundwater monitoring data to the Consultant's SCS eTools® data management system and Consultant responded with a cost not to exceed Five Thousand Five Hundred Dollars (\$5,500).
6. WPWMA staff reviewed the proposal and believes Consultant understands the scope of work, has proposed a reasonable budget, and is uniquely suited to effectively complete the work given their current performance of water quality monitoring and leachate collection system operation services for the WPWMA.
7. The WPWMA and Consultant acknowledge that, by providing these additional services, the total cost of the Agreement shall increase to One Million Thirty One Thousand Seven Hundred Eighty Eight Dollars (\$1,031,788).
8. The WPWMA and Consultant desire to amend the Agreement to reflect the revised understanding between the parties as set forth below. All references in this Fifth 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 One Million Thirty-One Thousand Seven Hundred Eighty Eight Dollars (\$1,031,788) without the prior written approval of the WPWMA.”

b. Exhibit A, Scope of Services, shall be amended to add the following new Task 15 which shall read in its entirety as follows:

“TASK 15 – ELECTRICAL DESIGN

Consultant shall prepare construction drawings and specifications for the purpose of providing power to the leachate pump stations and other landfill power uses identified by the WPWMA during the November 19, 2019 site walk. Consultant shall provide five (5) drawings and eleven (11) specifications for removal of the existing electrical service entrance and to upgrade the service residing at PG&E Smart Meter 1010081121 (panel labelled 277V, 4W 3ΦY). Consultant shall provide an additional two (2) drawings and two (2) specifications to provide a telemetry control panel at each leachate pump station.

Consultant shall design the electrical system with the following / include the following in the construction documents:

- 120/240 VAC single phase 30 Amp power will be provided to each leachate pump station to replace the existing portable generators.
- Communications to each location shall be provided by fiber optic and will utilize the same route as the 480 VAC.
- It is currently envisioned both the power and the communication will be routed above ground on poles then drop below ground at each leachate pump station to proceed under the road to the pump station and lift station telemetry panel. Note that this routing may be modified after coordination with PG&E to be a completely underground routing as there is existing high voltage wiring along much of the route.
- A single backup electric generator with an automatic transfer switch (ATS) will be provided at the service entrance drop to provide backup power to all locations in the event of a power loss. The backup electric generator may be sized such that not all stations can operate simultaneously, requiring the system to control which leachate pump stations locations are enabled during a period of time.
- At the existing service entrance numerous aboveground temporary power lines will be removed and not replaced.
- The Sub Monitor panel will be removed and not replaced (existing equipment will be provided to WPWMA). The lighting circuit to the existing maintenance trailer will be maintained.

Consultant shall prepare the following Drawings for review and approval by the WPWMA:

- E-1/Electrical One-line, Service Load Calculation
- E-2/Electrical Plan view of site
- E-3/Electrical Elevation of power drop, Demo and Replacement
- E-4/Conduit block diagram, conduit and conductor schedule, and load center schedule
- E-5/Electrical Enclosure Elevation
- E-6/Control Panel elevation (TYPICAL format)
- E-7/Control Panel Schematic 1 (TYPICAL format).

Consultant shall prepare the following Specifications for review and approval by the WPWMA:

- 26 05 02/Basic Electrical Materials and Methods
- 26 05 05/Selective Demolition for Electrical
- 26 05 19/Low-Voltage Electrical Power Conductors and Cables
- 26 05 26/Grounding and bonding
- 26 05 33/Raceway and Boxes for Electrical Systems
- 26 05 53/Identification for Electrical Systems
- 26 22 13/Low-Voltage Distribution Transformers
- 26 28 00/Circuit protection
- 26 32 13/Engine Generators
- 26 36 23/Automatic Transfer Switch (ATS)
- 26 56 13/Lighting Poles and Standards
- 40 61 93/Process Control System Input/Output (I/O) List
- 40 67 19/Control Panel”

Consultant shall provide assistance during the project bidding and construction process by preparing necessary addenda or other assistance as requested by the WPWMA.”

“TASK 16 – SCS eTools GROUNDWATER MODULE UPLOAD

Consultant shall complete upload of the Site Monitoring Plan and historic data to the SCS eTools® Groundwater Module to be used for groundwater data management and reporting. Once consultant has uploaded and configured the data set, Consultant shall schedule with the WPWMA and conduct one training session for WPWMA staff to demonstrate how WPWMA staff can access and use the system.”

c. Exhibit B.4 shall be deleted and Exhibit B.5 attached hereto are substituted therefore.

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

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

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

By: _____ Date: _____
Chair

SCS ENGINEERS, CONSULTANT

By: _____ By: _____
E. Wayne Pearce, Vice President Patrick Sullivan, Senior Vice President

Approved as to Form:

By: _____
WPWMA Counsel

EXHIBIT B.5

PAYMENT FOR SERVICES RENDERED

Payment to Consultant shall be made by the WPWMA on an hourly basis in accordance with the schedule attached hereto as Exhibit B-1.5 and subject to the task budgets listed in Table 1.5, below.

Consultant shall submit invoices monthly and describe in detail the work and work hours performed, staff performing the work, staff hourly rate, and expenses for which reimbursement is claimed. Consultant shall also include with the monthly invoice a spreadsheet indicating task budgets, charges by task for each invoice, cumulative charges to date by task, and percent of budget remaining by task. Consultant shall state hourly time in increments of no less than one-quarter (1/4) of an hour. All invoices shall be submitted to the WPWMA electronically via invoices@wpwma.ca.gov.

Provided the work has been satisfactorily performed, WPWMA will pay invoices within thirty (30) days after approval of the invoice. Consultant shall provide additional information requested by the WPWMA to verify any of the amounts claimed for payment in any invoice. The total amount payable for all services provided under this Agreement shall not exceed One Million Thirty-One Thousand Seven Hundred Eighty Eight Dollars (\$1,031,788).

Table 1.5 – Task Budgets

Task	Description	Existing Budget	5 th Amendment	Total
1	Routine Measurement, Sampling, Analysis & Reporting	\$479,400	\$175,000	\$654,400
2	Compost General Order	\$29,400	\$8,600	\$38,000
3	Water Level Pressure Transducers	\$42,800	---	\$42,800
4	Additional Services	\$15,500	\$10,000	\$25,500
5	Module 15 & 16 Data Evaluation	\$32,133	---	\$32,132
6	ERA Level 2 Technical Report	\$16,800	\$16,800	\$16,800
7	Water Board Response Report	\$7,500	---	\$7,500
8	Engineering Feasibility Study	\$40,000	---	\$40,000
9	Corrective Action Program and Report of Waste Discharge	\$20,000	---	\$20,000
10	Module 5 Data Evaluation	\$13,378	---	\$13,378
11	Water Quality Protection Standard	\$15,000	---	\$15,000
12	Design of Leachate Sump Riser Repairs	\$47,000	---	\$47,000
13	PFAS Sampling and Reporting	\$5,000	---	\$5,000
14	PFAS Work Plan Implementation	\$15,200	---	\$15,200
15	Electrical Design	---	\$36,778	\$36,778
16	SCS eTools GW Module/Data Upload	---	\$5,500	\$5,500
TOTAL CONTRACT AMOUNT		\$779,110	\$252,678	\$1,031,788

EXHIBIT B-1.5

Fee Schedule: OM&M
 Western Placer Waste Management Authority
 (Effective March 1, 2020 through February 28, 2021)

Technical Field Personnel	Rate (\$)/Hour
Laborer	55
Fusion Technician	72
Technician	77
Equipment Operator	85
Systems Specialist	80
Foreman	92
Plant Operator	92
Senior Technician.....	87
Superintendent	110
Mechanic	115
Controls Specialist	135
Senior Superintendent.....	135
Laborer (<i>Prevailing Wage</i>)	145
Fusion Technician/Pipe Fitter (<i>Prevailing Wage</i>).....	145
Equipment Operator (<i>Prevailing Wage</i>)	165
Superintendent (<i>Prevailing Wage</i>).....	165

Management/Support Personnel	Rate (\$)/Hour
Secretarial	54
Project Administrator	73
Field Data Analyst	80
Senior Project Administrator	87
Project Coordinator/Accountant	100
Designer/Drafter	110
Field Project Coordinator	135
Project Professional/H&S Specialist	125
Sr. H&S Advisor	152
Regional Field Compliance Auditor.....	165
Controls & Instrument Engineer.....	165
Project Manager.....	175
System Integrator/Product Manager.....	185
Product Development Manager	180
Senior Project Professional	200
H&S/National Compliance Manager	198
National RMC Director	200

EXHIBIT B-1.5

Sr. Project Manager	210
Sr. Project Advisor	235
Regional Manager/Project Director	250

General Terms

1. Labor rates are in effect until February 28, 2021. Any work performed after that date is subject to a new Standard Fee Schedule.
2. The above rates include salary, overhead, and profit. Other direct charges, such as subcontractors, construction equipment, materials, air travel, freight, auto rental, permits, fees, taxes, tolls, and other costs incurred for the project, will be billed at cost plus 15 percent. The cost of equipment owned by SCS Field Services will not be subject to administrative mark-up. Automobile mileage cost is \$0.54 per mile. Trucks will be charged at \$16.00/hour. (No administrative mark-up will be applied to charges for company owned vehicles.)
3. Invoices will be prepared monthly for work in progress, unless otherwise agreed. Invoices are due and payable upon receipt. Any invoices not paid within 30 days of receipt are subject to a service charge of 1.5 percent per month on the unpaid balance.
4. Payment of SCS Field Services invoices for services performed will not be contingent upon the client's receipt of payment from other parties. The client agrees to pay legal costs, including attorney's fees, incurred by SCS Field Services in collecting any amounts past due and owing on the client's accounts.
5. Rates for Principals may be negotiated on a project-specific basis. For special situations, such as expert testimony or international assignments, hourly rates will be on an individually negotiated basis.
6. On short term or one-time assignments, services which require less than eight (8) hours, but more than four (4) hours, will be billed at eight (8) hours. A minimum of four (4) hours will be billed for any service requested which is not conducted in conjunction with an ongoing, long term project (including call-outs after normal work hours), and will be charged portal-to-portal from SCS Field Services offices.
7. For operation, construction, and/or repair work performed on weekends and/or nights (if work exceeds 8 hours in a day), the above rates will be marked up 40 percent. For work performed on Company recognized holidays or beyond 12 hours in a day, the above rates will be marked up 70 percent.
8. These rates are based on non-union, non-prevailing wage scales with the exception of rates noted as prevailing wage.
9. For long-term on-site project assignments, rates may be discounted on an individually negotiated basis. Long-term on-site personnel are permitted to return home every four (4) weeks. Travel expense shall be invoiced to the client at cost plus 15 percent.
10. For projects that are not local to a SCS Field Services office, thereby requiring crew mobilizations, lodging costs and a \$45 per person per diem cost will be charged. Lodging and per diem costs will be marked up 15 percent.
11. For projects that require crews to mobilize from a local office and stay in a hotel local to a project site to efficiently perform client requested work, a \$45 per day per person per diem cost will be charged to the project as well as a nightly hotel cost. Hotel costs typically range

EXHIBIT B-1.5

from \$75 to \$125 per night. SCS Field Services will make every effort to find the most cost efficient hotels. In some high expense locations, hotel rates may be above \$125 per night. Hotel and per diem expense will be marked up 15 percent.

12. Costs for equipment and analysis will be billed in accordance with the rates contained on SCS Field Services Standard Fee Schedule for Equipment and Analysis.

EXHIBIT B-1.5

FEE SCHEDULE

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

(Effective March 1, 2020 through February 28, 2021)

	Rate/Hour
Clerical.....	76
Administrative/Secretarial	87
Technician.....	91
CAD Drafter.....	97
Senior Engineering Technician.....	102
Associate Staff Professional	104
Assistant Office Services Manager/Project Administrator	111
Project Analyst.....	113
Office Services Manager/Senior Project Administrator	117
CAD Designer.....	118
Staff Professional I.....	124
Senior Office Services Manager	129
Staff Professional II	133
Staff Professional III.....	140
Project Professional I	151
Project Professional II.....	162
Senior Project Professional I.....	170
Senior Project Professional II	182
Senior Project Professional III.....	194
Certified Industrial Hygienist	200
Project Manager I.....	206
Project Manager II	216
Senior Certified Industrial Hygienist	221
Project Manager III.....	227
Senior Project/Technical Manager.....	243
Senior Project Advisor.....	254
Project Director I.....	261
Project Director II	268
Principals.....	See Note 7

General Terms

1. Scheduled rates are effective through February 28, 2021. Work performed thereafter is subject to a new Fee Schedule.
2. Costs for outside consultants and subcontractors, equipment/supplies, and for job-related employee travel and subsistence, are billed at actual cost plus a 15 percent administrative fee.
3. Charges for SCS field equipment and instruments will be in accordance with SCS's Field Equipment Rental Rates Schedule in effect at the time the work is performed. Company

EXHIBIT B-1.5

trucks are charged at \$55 for up to a half day (4 hours) of use, and \$105 for up to a full day (company cars at \$45/\$85). These charges incorporate an allowance of 100 miles per job per day; a \$0.33 per mile surcharge is applied for additional miles. Vehicle charges for long-term and/or high-mileage projects may be negotiated on a case-by-case basis.

4. Invoices will be prepared monthly or more frequently for work in progress, unless otherwise agreed. Invoices are due and payable upon receipt. Invoices not paid within 30 days are subject to a service charge of 1.5 percent per month on the unpaid balance.
5. Payment of SCS invoices for services performed will not be contingent upon the client's receipt of payment from other parties, unless otherwise agreed in writing. Client agrees to pay legal costs, including attorney's fees, incurred by SCS in collecting any amounts past due and owing on client's accounts.
6. For special situations such as expert court testimony and limited consultation, hourly rates will be on an individually negotiated basis.
7. Hourly rates for Principals will be on an individually negotiated basis. Typically, these rates are \$270/hour for Vice Presidents and other Principals and \$315/hour for Senior Vice Presidents and Senior Executives.

EXHIBIT B-1.5

Fee Schedule: OM&M Equipment and Analysis
Western Placer Waste Management Authority
(Effective March 1, 2020 through February 28, 2021)

	Rate (\$)
GEM 2000 NAV/5000 NAV/Envision Gas Analyzer(s):	
• Daily Rate	185/day
• Weekly Rate	555/week
• Monthly Rate.....	1,665/month
H ₂ S Gas Pod/CO Gas Pod	10/day
SEM 500/TVA 2020/TDL 500/Site FID Emissions Monitor:	
• Daily Rate	185/day
• Weekly Rate	555/week
• Monthly Rate.....	1,665/month
Q Rae Gas Analyzer O ₂ /H ₂ S/CO/Combustibles	50/day
Micro Max Gas Analyzer O ₂ /H ₂ S/CO/COI Combustibles	50/day
4-Gas Meter.....	50/day
Magnehelic Pressure Set.....	20/day
Digital Readout Thermocouple.....	25/day
Dräger Detector Tubes/Pump	15/each
Dewatering Pump (Trash Pump)	45/day
MiniRae 2000/3000 PID:	
• Daily Rate	150/day
• Weekly Rate	500/week
• Monthly Rate.....	1,500/month
Air Sampling Station:	
• Daily Rate	50/day
• Weekly Rate	200/week
Pipe Laser:	
• Daily Rate	50/day
• Weekly Rate	220/week
• Monthly Rate.....	650/month
Water Trailer.....	75/day
PAS 3000 Personal Air Sampling Pump.....	25/day

EXHIBIT B-1.5

Tedlar Bag (10-Liter).....	40/each
	Rate (\$)
Non-Contaminating Air Sampling Pump	25/day
Interface Probe.....	50/day
Handheld GPS:	
• Daily Rate.....	50/day
• Weekly Rate	220/week
• Monthly Rate.....	650/month
Submersible Pump:	
• Daily Rate.....	50/day
• Weekly Rate	150/week
• Monthly Rate.....	450/month
Water Level Indicator:	
• Daily Rate.....	20/day
• Weekly Rate	60/week
• Monthly Rate.....	180/month
100-Foot Temperature Probe:	
• Daily Rate.....	15/day
• Weekly Rate	45/week
• Monthly Rate.....	135/month
Teflon Well Bailer	10/each
Vacuum Box/Carbon Canister and Blower	150/day
Tool Truck	16/hour
No. 14 P.E. Fusion Machine (1"-4"):	
• Daily Rate.....	90/day
• Weekly Rate	450/week
• Monthly Rate.....	1,800/month
No. 26 P.E. Fusion Machine (2"-6"):	
• Daily Rate.....	125/day
• Weekly Rate	625/week
• Monthly Rate.....	2,500/month
No. 28 P.E. Fusion Machine (2"-8")	
• Daily Rate.....	160/day
• Weekly Rate	800/week
• Monthly Rate.....	3,200/month
No. 412 P.E. Fusion Machine (4"-12"):	
• Daily Rate.....	250/day

EXHIBIT B-1.5

• Weekly Rate	800/week
• Monthly Rate.....	1,200/month
	Rate (\$)
 No. 618 P.E. Fusion Machine (6"-18"):	
• Daily Rate	450/day
• Weekly Rate	2,250/week
• Monthly Rate.....	9,000/month
 No. 824 P.E. Fusion Machine (8"-24"):	
• Daily Rate	800/day
• Weekly Rate	4,000/week
• Monthly Rate.....	16,000/month
 Trackstar 500 Fusion Machine	
• Daily Rate	425/day
• Weekly Rate	1,500/week
• Monthly Rate.....	4,050/month
Sidewinder Fusion Machine	100/day
 Electrofusion Processor Machine:	
• Daily Rate	150/day
• Weekly Rate	750/week
• Monthly Rate.....	3,000/month
Leister Extrusion Welding Gun	120/day
Air Compressor	60/day
Arc Welder	75/day
Generator (3,500-Watt)	45/day
Generator (5,000-Watt)	60/day
 Generator (6,000-Watt):	
• Daily Rate	65/day
 Generator (8,000 Watt):	
• Daily Rate	75/day
• Weekly Rate	225/week
 Isolation Pinch-off Tools:	
• Daily Rate	25/day
• Weekly Rate	75/week
• Monthly Rate.....	225/month
Plate Compactor.....	75/day
Rammer/Jumping Jack Compactor	75/day

EXHIBIT B-1.5

Rate (\$)

4-Wheeler (ATV):

- Daily Rate 50/day
- Weekly Rate 150/week
- Monthly Rate..... 450/month

4-Wheeler with 44" Mow Deck:

- Daily Rate 100/day
- Weekly Rate 300/week
- Monthly Rate..... 900/month

Riding Mower:

- Daily Rate 175/day
- Weekly Rate 525/week
- Monthly Rate..... 1,575/month

Chain Saw:

- Daily Rate 10/day
- Weekly Rate 30/week

Horiba Water Quality Meter:

- Daily Rate 40/day
- Weekly Rate 120/week
- Monthly Rate..... 360/month

Hydrogen Sulfide Meter:

- Daily Rate 100/day
- Weekly Rate 300/week
- Monthly Rate..... 900/month

Infrared Thermometer:

- Daily Rate 10/day
- Weekly Rate 30/week
- Monthly Rate..... 90/month

Micropurge Flow Cell (Groundwater):

- Daily Rate 100/day
- Weekly Rate 300/week
- Monthly Rate..... 900/month

Oiless Compressor and Control Box (Groundwater):

- Daily Rate 75/day
- Weekly Rate 225/week
- Monthly Rate..... 675/month

EXHIBIT B-1.5

Rate (\$)

Earth/Resistance Tester:

- Daily Rate 100/day
- Weekly Rate300/week
- Monthly Rate..... 900/month

Pitot Tube and Gauges:

- Daily Rate 10/day
- Weekly Rate 30/week
- Monthly Rate..... 90/month

Pressure Washer:

- Daily Rate 50/day
- Weekly Rate150/week
- Monthly Rate..... 300month

Turbidity Meter/Conductivity Meter:

- Daily Rate 25/day
- Weekly Rate 75/week
- Monthly Rate..... 225/month

Vacuum Air Pump:

- Daily Rate 100/day
- Weekly Rate300/week
- Monthly Rate..... 900/month

Downhole Video Camera System 200/day

Weed Trimmer:

- Daily Rate25/day
- Weekly Rate 75/week
- Monthly Rate..... 225/month

Safety Equipment:

- Tyvek Suit (each) 15/each
- Polyethylene suit (each) 20/each
- Nitrile gloves (per pair) 15/each
- PVC Gloves (per pair)..... 15/each
- Rubber booties (per pair) 15/each
- Organic Vapor Cartridges (per pair) 20/each
- Organic Vapor/Acid Cartridges (per pair) 25/each
- Cartridges pre-filters (per pair) 15/each
- Half face respirator (each) 20/day
- Full face respirator (each)..... 25/day
- Ventilator/manhole blowers 25/day
- Parachute harness 10/day

EXHIBIT B-1.5

	Rate (\$)
Tripod:	
• Daily Rate.....	35/day
• Weekly Rate.....	105/week
• Monthly Rate.....	315/month
• SCBA.....	55/day

General Terms

1. Rates are in effect until February 28, 2021. Any work performed after that date will be subject to a new Schedule of Fees.
2. Equipment usage rates are exclusive of freight charges to and from the project site. Freight is an additional expense chargeable to the client.
3. Shipping, supplies, equipment rental, materials, vehicle mileage, and other non-labor equipment costs or direct costs are billed at cost plus 15 percent.
4. Equipment rented will be charged portal-to-portal from SCS Field Services offices. Renter is responsible for return charges.
5. The cost of equipment owned by SCS Field Services will not be subject to administrative mark-up.

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**MEMORANDUM
WESTERN PLACER WASTE MANAGEMENT AUTHORITY**

TO: **WPWMA BOARD OF DIRECTORS** DATE: **FEBRUARY 13, 2020**
FROM: **KEN GREHM / KEITH SCHMIDT** *KS*
SUBJECT: **SECOND AMENDMENT TO THE AGREEMENT WITH SCS FIELD
SERVICES FOR LANDFILL GAS OPERATION AND MAINTENANCE
SERVICES**

RECOMMENDED ACTION:

Authorize the Chair to sign the Second Amendment to the Agreement with SCS Field Services (SCSFS) to provide landfill gas (LFG) operations and maintenance services for the Western Regional Sanitary Landfill (WRSL) extending services for an additional year and authorizing additional related services, for a total of \$1,261,977, increasing the total not-to-exceed cost of the Agreement to \$2,307,780.

BACKGROUND:

After a competitive procurement process, your Board approved the Agreement with SCSFS on February 14, 2019 for the operation and maintenance of the WRSL LFG and leachate collection and recovery systems. SCSFS has been responsive, competent and professional in providing services for the term of the current Agreement, and staff recommends extending the Agreement for an additional one-year term to continue these services.

Additionally, upon commencement of the Agreement, SCS conducted an analysis of the LFG system and recommended several improvements that could be implemented that were likely to increase system performance or lower long-term operational costs and risks. Many of the identified improvements were made during the first year of the Agreement at a cost of approximately \$204,582. Staff requested a proposal for the remaining identified wellfield improvements and an additional year of routine operation, maintenance and monitoring services, and negotiated the attached Second Amendment.

ENVIRONMENTAL CLEARANCE:

Approving the proposed Second Amendment is exempt under Section 15061(b)(3) of the CEQA Guidelines. Staff has determined the action would not have a significant effect on the environment.

FISCAL IMPACT:

The cost of providing the services included in the proposed Second Amendment is \$1,261,977 which includes approximately \$154,866 to fund the LFG system improvements noted above. The proposed Second Amendment would increase the total not-to-exceed cost of the Agreement to \$2,307,780. Sufficient funding for these services is included in the FY 2019/20 Budget.

ATTACHMENT: SECOND AMENDMENT

ADMINISTERING AGENCY: Western Placer Waste Management Authority

AGREEMENT: SCN101505

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

This SECOND Amendment is made to be effective as of, from and after the day of _____, 2020 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. 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 by the First Amendment as of August 5, 2019.
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 one-year period for a cost not to exceed One Million One Hundred Seven Thousand One Hundred Eleven Dollars (\$1,107,111).
4. As part of the Agreement, and as part of an agreement with the Air Pollution Control District, Consultant conducted a GCCS system evaluation and prepared a Summary of Inspection Report and Recommendations outlining improvements that would likely increase GCCS performance or lower long-term operational costs and risks. The WPWMA requested a cost proposal from Consultant to complete GCCS system improvements identified in Consultant's Summary Report and Consultant responded with a cost not to exceed One Hundred Fifty Four Thousand Eight Hundred and Sixty Six Dollars (\$154,866).
5. The WPWMA and Consultant desire to amend the Agreement to reflect the revised understanding between the parties as set forth below. All references in this Second 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 Two Million Three Hundred Seven Thousand Seven Hundred Eighty Dollars (\$2,307,780) without the prior written approval of the WPWMA.”

- b. Exhibit A, Scope of Services, Task 9 General Engineering Services shall be amended to replace the sentence “Contractor shall not perform any work under this Task without the prior written authorization of the Executive Director of the WPWMA.” with:

“Contractor shall not perform any work under this Task without the prior written authorization of the WPWMA Executive Director *or designee*.”

- c. Exhibit A, Scope of Services, shall be amended to add the following new Task 10 which shall read in its entirety as follows:

“TASK 10 – WELLFIELD IMPROVEMENTS

Based on the results of the Summary of the Inspection Report and Recommendations conducted in Task 1, Consultant shall provide all labor and materials necessary to conduct the following improvements:

- Install an air compressor and flare control panel protective raised roof cover at the BFS
- Install an air compressor oil/water separator system at the BFS
- Excavate and install 4-inch isolation valves at condensate sumps 7, 9, 10, 11, 13 and 14
- Reconfigure Module 5 LFG manifold and install a U-trap drain leg to LS-13W
- Replace infill landfill gas well heads with more accurately adjusted and measured flow capable well heads from QED (Interior vertical and horizontal wells. 84 total locations)
- Install a level, earthen access ramp at each leachate pump station using soil delivered by the WPWMA

Consultant shall include a summary of the completed improvements in the appropriate monthly report prepared under Task 3C.”

- b. Exhibit B-1 shall be deleted and Exhibit B-1.1 attached hereto is substituted therefore.

Except as expressly provided in this Second Amendment, the Agreement shall remain

unchanged and in full force and effect. After this Second Amendment is duly executed and delivered by WPWMA and Contractor, this Second Amendment shall be and constitute an integral part of the Agreement.

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

Western Placer Waste Management Authority

By: _____
Chair

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.2
PAYMENT FOR SERVICES RENDERED

Payment to Contractor will be made by the WPWMA on an hourly basis in accordance with Exhibit B-1.2 – Fee Schedule attached hereto.

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 Exhibit B-1.2. 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 Two Million Three Hundred Seven Thousand Seven Hundred Eighty Dollars (\$2,307,780).

Table 1.1: Not-to-Exceed Task Budgets

Task	Description	Existing Budget	Second Amendment	Total
1	GCCS & LCRS Baseline Field Inspection	\$10,000.00		\$10,000.00
2	GCCS & LCRS OMM			
2A	LFG Operation, Monitoring & Maintenance within the BFS	59,087.00	\$97,527.00	\$156,614.00
2B	LFG Operation, Monitoring & Maintenance outside the BFS	\$272,625.00	\$386,965.00	\$659,590.00
2C	LCRS Operation, Monitoring & Maintenance	\$214,296.00	\$267,061.00	\$481,357.00
3	GCCS & LCRS Reporting			
3A	Immediate Reports	\$0.00	\$5,000.00	\$5,000.00
3B	Bi Weekly Reports	\$11,515.00	\$15,456.00	\$26,971.00
3C	Monthly Reports	\$25,200.00	\$25,320.00	\$50,520.00
3D	Quarterly Reports	\$15,520.00	\$15,592.00	\$31,112.00
3E	Semi Annual Report	\$8,128.00	\$9,444.00	\$17,572.00
4	Flare Source Testing	\$19,529.00	\$19,746.00	\$39,275.00
5	Emergency or Non-Routine Monitoring, Maintenance & Reporting			
5A	Response for WPWMA	\$204,582.50	\$75,000.00	\$279,582.50
5B	Response for Energy	\$4,086.00	\$10,000.00	\$14,086.00
5C	Response for Landfill Operator	\$58,078.80	\$50,000.00	\$108,078.80
5D	Response for Landfill Subsurface Oxidation Event	\$15,000.00		\$15,000.00
6	Annual Wellfield Design, Bid, Build, CM & CQA			
6A	Wellfield Design & BID	\$4,616.08	\$10,000.00	\$14,616.08
6B	Wellfield Build	\$22,595.42	\$10,000.00	\$32,595.42
6C	Wellfield Construction Management and CQA	\$0.00	\$10,000.00	\$10,000.00
7	Spare Parts/Consumables	\$80,000.00	\$80,000.00	\$160,000.00
8	Prepare Wellfield Improvement Design for Impacted Probe Area	\$18,109.00		\$18,109.00
9	General Engineering Services	\$2,835.20	\$20,000.00	\$22,835.20
10	Wellfield Improvements		\$154,866.00	\$154,866.00
Total		\$1,045,803.00	\$1,303,977.00	\$2,307,780.00

EXHIBIT B-1.2

Fee Schedule: OM&M
Western Placer Waste Management Authority
(Effective March 1, 2020 through February 28, 2021)

Technical Field Personnel	Rate (\$)/Hour
Laborer	55
Fusion Technician	72
Technician	77
Equipment Operator	85
Systems Specialist	80
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Superintendent	110
Mechanic	115
Controls Specialist	135
Senior Superintendent.....	135
Laborer (<i>Prevailing Wage</i>)	145
Fusion Technician/Pipe Fitter (<i>Prevailing Wage</i>).....	145
Equipment Operator (<i>Prevailing Wage</i>)	165
Superintendent (<i>Prevailing Wage</i>).....	165

Management/Support Personnel	Rate (\$)/Hour
Secretarial	54
Project Administrator	73
Field Data Analyst	80
Senior Project Administrator	87
Project Coordinator/Accountant	100
Designer/Drafter	110
Field Project Coordinator	135
Project Professional/H&S Specialist	125
Sr. H&S Advisor	152
Regional Field Compliance Auditor.....	165
Controls & Instrument Engineer.....	165
Project Manager.....	175
System Integrator/Product Manager.....	185
Product Development Manager	180
Senior Project Professional	200
H&S/National Compliance Manager	198
National RMC Director	200

EXHIBIT B-1.2

Sr. Project Manager	210
Sr. Project Advisor	235
Regional Manager/Project Director	250

General Terms

1. Labor rates are in effect until February 28, 2021. Any work performed after that date is subject to a new Standard Fee Schedule.
2. The above rates include salary, overhead, and profit. Other direct charges, such as subcontractors, construction equipment, materials, air travel, freight, auto rental, permits, fees, taxes, tolls, and other costs incurred for the project, will be billed at cost plus 15 percent. The cost of equipment owned by SCS Field Services will not be subject to administrative mark-up. Automobile mileage cost is \$0.54 per mile. Trucks will be charged at \$16.00/hour. (No administrative mark-up will be applied to charges for company owned vehicles.)
3. Invoices will be prepared monthly for work in progress, unless otherwise agreed. Invoices are due and payable upon receipt. Any invoices not paid within 30 days of receipt are subject to a service charge of 1.5 percent per month on the unpaid balance.
4. Payment of SCS Field Services invoices for services performed will not be contingent upon the client's receipt of payment from other parties. The client agrees to pay legal costs, including attorney's fees, incurred by SCS Field Services in collecting any amounts past due and owing on the client's accounts.
5. Rates for Principals may be negotiated on a project-specific basis. For special situations, such as expert testimony or international assignments, hourly rates will be on an individually negotiated basis.
6. On short term or one-time assignments, services which require less than eight (8) hours, but more than four (4) hours, will be billed at eight (8) hours. A minimum of four (4) hours will be billed for any service requested which is not conducted in conjunction with an ongoing, long term project (including call-outs after normal work hours), and will be charged portal-to-portal from SCS Field Services offices.
7. For operation, construction, and/or repair work performed on weekends and/or nights (if work exceeds 8 hours in a day), the above rates will be marked up 40 percent. For work performed on Company recognized holidays or beyond 12 hours in a day, the above rates will be marked up 70 percent.
8. These rates are based on non-union, non-prevailing wage scales with the exception of rates noted as prevailing wage.
9. For long-term on-site project assignments, rates may be discounted on an individually negotiated basis. Long-term on-site personnel are permitted to return home every four (4) weeks. Travel expense shall be invoiced to the client at cost plus 15 percent.
10. For projects that are not local to a SCS Field Services office, thereby requiring crew mobilizations, lodging costs and a \$45 per person per diem cost will be charged. Lodging and per diem costs will be marked up 15 percent.
11. For projects that require crews to mobilize from a local office and stay in a hotel local to a project site to efficiently perform client requested work, a \$45 per day per person per diem cost will be charged to the project as well as a nightly hotel cost. Hotel costs typically range

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from \$75 to \$125 per night. SCS Field Services will make every effort to find the most cost efficient hotels. In some high expense locations, hotel rates may be above \$125 per night. Hotel and per diem expense will be marked up 15 percent.

12. Costs for equipment and analysis will be billed in accordance with the rates contained on SCS Field Services Standard Fee Schedule for Equipment and Analysis.

EXHIBIT B-1.2

FEE SCHEDULE

WESTERN PLACER WASTE MANAGEMENT AUTHORITY

(Effective March 1, 2020 through February 28, 2021)

	Rate/Hour
Clerical.....	76
Administrative/Secretarial	87
Technician.....	91
CAD Drafter.....	97
Senior Engineering Technician.....	102
Associate Staff Professional	104
Assistant Office Services Manager/Project Administrator	111
Project Analyst.....	113
Office Services Manager/Senior Project Administrator	117
CAD Designer.....	118
Staff Professional I.....	124
Senior Office Services Manager	129
Staff Professional II	133
Staff Professional III.....	140
Project Professional I	151
Project Professional II.....	162
Senior Project Professional I.....	170
Senior Project Professional II	182
Senior Project Professional III.....	194
Certified Industrial Hygienist	200
Project Manager I.....	206
Project Manager II	216
Senior Certified Industrial Hygienist	221
Project Manager III.....	227
Senior Project/Technical Manager.....	243
Senior Project Advisor.....	254
Project Director I.....	261
Project Director II	268
Principals.....	See Note 7

General Terms

1. Scheduled rates are effective through February 28, 2021. Work performed thereafter is subject to a new Fee Schedule.
2. Costs for outside consultants and subcontractors, equipment/supplies, and for job-related employee travel and subsistence, are billed at actual cost plus a 15 percent administrative fee.
3. Charges for SCS field equipment and instruments will be in accordance with SCS's Field Equipment Rental Rates Schedule in effect at the time the work is performed. Company

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trucks are charged at \$55 for up to a half day (4 hours) of use, and \$105 for up to a full day (company cars at \$45/\$85). These charges incorporate an allowance of 100 miles per job per day; a \$0.33 per mile surcharge is applied for additional miles. Vehicle charges for long-term and/or high-mileage projects may be negotiated on a case-by-case basis.

4. Invoices will be prepared monthly or more frequently for work in progress, unless otherwise agreed. Invoices are due and payable upon receipt. Invoices not paid within 30 days are subject to a service charge of 1.5 percent per month on the unpaid balance.
5. Payment of SCS invoices for services performed will not be contingent upon the client's receipt of payment from other parties, unless otherwise agreed in writing. Client agrees to pay legal costs, including attorney's fees, incurred by SCS in collecting any amounts past due and owing on client's accounts.
6. For special situations such as expert court testimony and limited consultation, hourly rates will be on an individually negotiated basis.
7. Hourly rates for Principals will be on an individually negotiated basis. Typically, these rates are \$270/hour for Vice Presidents and other Principals and \$315/hour for Senior Vice Presidents and Senior Executives.

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Fee Schedule: OM&M Equipment and Analysis
 Western Placer Waste Management Authority
 (Effective March 1, 2020 through February 28, 2021)

	Rate (\$)
GEM 2000 NAV/5000 NAV/Envision Gas Analyzer(s):	
• Daily Rate	185/day
• Weekly Rate	555/week
• Monthly Rate.....	1,665/month
H ₂ S Gas Pod/CO Gas Pod	10/day
SEM 500/TVA 2020/TDL 500/Site FID Emissions Monitor:	
• Daily Rate	185/day
• Weekly Rate	555/week
• Monthly Rate.....	1,665/month
Q Rae Gas Analyzer O ₂ /H ₂ S/CO/Combustibles	50/day
Micro Max Gas Analyzer O ₂ /H ₂ S/CO/COI Combustibles	50/day
4-Gas Meter.....	50/day
Magnehelic Pressure Set.....	20/day
Digital Readout Thermocouple.....	25/day
Dräger Detector Tubes/Pump	15/each
Dewatering Pump (Trash Pump)	45/day
MiniRae 2000/3000 PID:	
• Daily Rate	150/day
• Weekly Rate	500/week
• Monthly Rate.....	1,500/month
Air Sampling Station:	
• Daily Rate	50/day
• Weekly Rate	200/week
Pipe Laser:	
• Daily Rate	50/day
• Weekly Rate	220/week
• Monthly Rate.....	650/month
Water Trailer.....	75/day
PAS 3000 Personal Air Sampling Pump.....	25/day

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Tedlar Bag (10-Liter).....	40/each	
		Rate (\$)
Non-Contaminating Air Sampling Pump	25/day	
Interface Probe.....	50/day	
Handheld GPS:		
• Daily Rate.....	50/day	
• Weekly Rate	220/week	
• Monthly Rate.....	650/month	
Submersible Pump:		
• Daily Rate.....	50/day	
• Weekly Rate	150/week	
• Monthly Rate.....	450/month	
Water Level Indicator:		
• Daily Rate.....	20/day	
• Weekly Rate	60/week	
• Monthly Rate.....	180/month	
100-Foot Temperature Probe:		
• Daily Rate.....	15/day	
• Weekly Rate	45/week	
• Monthly Rate.....	135/month	
Teflon Well Bailer	10/each	
Vacuum Box/Carbon Canister and Blower	150/day	
Tool Truck	16/hour	
No. 14 P.E. Fusion Machine (1"-4"):		
• Daily Rate.....	90/day	
• Weekly Rate	450/week	
• Monthly Rate.....	1,800/month	
No. 26 P.E. Fusion Machine (2"-6"):		
• Daily Rate.....	125/day	
• Weekly Rate	625/week	
• Monthly Rate.....	2,500/month	
No. 28 P.E. Fusion Machine (2"-8")		
• Daily Rate.....	160/day	
• Weekly Rate	800/week	
• Monthly Rate.....	3,200/month	
No. 412 P.E. Fusion Machine (4"-12"):		
• Daily Rate.....	250/day	

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- Weekly Rate800/week
- Monthly Rate..... 1,200/month

Rate (\$)

No. 618 P.E. Fusion Machine (6"-18"):

- Daily Rate 450/day
- Weekly Rate 2,250/week
- Monthly Rate..... 9,000/month

No. 824 P.E. Fusion Machine (8"-24"):

- Daily Rate 800/day
- Weekly Rate 4,000/week
- Monthly Rate..... 16,000/month

Trackstar 500 Fusion Machine

- Daily Rate 425/day
- Weekly Rate 1,500/week
- Monthly Rate..... 4,050/month

Sidewinder Fusion Machine 100/day

Electrofusion Processor Machine:

- Daily Rate 150/day
- Weekly Rate 750/week
- Monthly Rate..... 3,000/month

Leister Extrusion Welding Gun 120/day

Air Compressor 60/day

Arc Welder 75/day

Generator (3,500-Watt) 45/day

Generator (5,000-Watt) 60/day

Generator (6,000-Watt):

- Daily Rate 65/day

Generator (8,000 Watt):

- Daily Rate 75/day
- Weekly Rate 225/week

Isolation Pinch-off Tools:

- Daily Rate 25/day
- Weekly Rate 75/week
- Monthly Rate..... 225/month

Plate Compactor 75/day

Rammer/Jumping Jack Compactor 75/day

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Rate (\$)

4-Wheeler (ATV):

- Daily Rate 50/day
- Weekly Rate 150/week
- Monthly Rate..... 450/month

4-Wheeler with 44" Mow Deck:

- Daily Rate 100/day
- Weekly Rate 300/week
- Monthly Rate..... 900/month

Riding Mower:

- Daily Rate 175/day
- Weekly Rate 525/week
- Monthly Rate..... 1,575/month

Chain Saw:

- Daily Rate 10/day
- Weekly Rate 30/week

Horiba Water Quality Meter:

- Daily Rate 40/day
- Weekly Rate 120/week
- Monthly Rate..... 360/month

Hydrogen Sulfide Meter:

- Daily Rate 100/day
- Weekly Rate 300/week
- Monthly Rate..... 900/month

Infrared Thermometer:

- Daily Rate 10/day
- Weekly Rate 30/week
- Monthly Rate..... 90/month

Micropurge Flow Cell (Groundwater):

- Daily Rate 100/day
- Weekly Rate 300/week
- Monthly Rate..... 900/month

Oiless Compressor and Control Box (Groundwater):

- Daily Rate 75/day
- Weekly Rate 225/week
- Monthly Rate..... 675/month

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Rate (\$)

Earth/Resistance Tester:

- Daily Rate 100/day
- Weekly Rate300/week
- Monthly Rate..... 900/month

Pitot Tube and Gauges:

- Daily Rate 10/day
- Weekly Rate 30/week
- Monthly Rate..... 90/month

Pressure Washer:

- Daily Rate 50/day
- Weekly Rate150/week
- Monthly Rate..... 300month

Turbidity Meter/Conductivity Meter:

- Daily Rate 25/day
- Weekly Rate 75/week
- Monthly Rate..... 225/month

Vacuum Air Pump:

- Daily Rate 100/day
- Weekly Rate300/week
- Monthly Rate..... 900/month

Downhole Video Camera System 200/day

Weed Trimmer:

- Daily Rate25/day
- Weekly Rate 75/week
- Monthly Rate..... 225/month

Safety Equipment:

- Tyvek Suit (each) 15/each
- Polyethylene suit (each) 20/each
- Nitrile gloves (per pair) 15/each
- PVC Gloves (per pair)..... 15/each
- Rubber booties (per pair) 15/each
- Organic Vapor Cartridges (per pair) 20/each
- Organic Vapor/Acid Cartridges (per pair) 25/each
- Cartridges pre-filters (per pair) 15/each
- Half face respirator (each) 20/day
- Full face respirator (each)..... 25/day
- Ventilator/manhole blowers 25/day
- Parachute harness 10/day

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	Rate (\$)
Tripod:	
• Daily Rate.....	35/day
• Weekly Rate.....	105/week
• Monthly Rate.....	315/month
• SCBA.....	55/day

General Terms

1. Rates are in effect until February 28, 2021. Any work performed after that date will be subject to a new Schedule of Fees.
2. Equipment usage rates are exclusive of freight charges to and from the project site. Freight is an additional expense chargeable to the client.
3. Shipping, supplies, equipment rental, materials, vehicle mileage, and other non-labor equipment costs or direct costs are billed at cost plus 15 percent.
4. Equipment rented will be charged portal-to-portal from SCS Field Services offices. Renter is responsible for return charges.
5. The cost of equipment owned by SCS Field Services will not be subject to administrative mark-up.