

EXHIBIT 1

SCOPE OF WORK

NON-ROUTINE WATER QUALITY MONITORING AND RESPONSE PROGRAM SUPPORT SERVICES

Regulatory Background

The California Code of Regulations (CCR), Title 27, Division 2, Subdivision 1, Chapter 3, Subchapter 3, Article 1, Sections 20380 through 20435 requires owners and operators of waste management units, such as landfills, to undertake a program in compliance with its provisions for the purpose of detecting, characterizing, and responding to releases to groundwater, surface water, or the unsaturated zone. Monitoring, maintenance, sampling and sample analyses occur on a periodic basis; and reporting of all activities are required to be provided to the appropriate agencies in a timely manner. SWMD has instituted the WQM&R Program to achieve and maintain their ability to comply with the requirements of CCR Title 27 for all County's disposal sites, its groundwater monitoring network (comprised of over four hundred monitoring and sampling points), and its groundwater protection and mitigation systems.

The United States Environmental Protection Agency has established regulations, in accordance with the Federal Clean Water Act, providing that States issue permits to regulate storm water discharges to waters of the United States. The State Water Resources Control Board (State Water Board) Water Quality Order No. 97-03-DWQ establishes NPDES General Permit No. CAS000001 encompassing all potential storm water dischargers.

In addition, CCR, Title 27, Division 2, Subdivision 1, Chapter 3, Subchapter 3, Article 1, Sections 20380 through 20435 also require owners and operators to institute a corrective action program under Section 20430 when the Regional Water Quality Control Board (RWQCB) determines the assessment of the nature and extent of a release and the design of a corrective action program has been satisfactorily completed.

The County's goal is to achieve and maintain compliance at all County solid waste facilities with the requirements set forth by Title 27, United States Environmental Protection Agency Federal Clean Water Act and several Regional Water Quality Control Boards' directives

Additional Requirements/Information

Non-Routine Support Services will be performed through the issuance of approved Task Orders, signed by the County. Each Task Order will be initiated with the determination of a scope of work by the County. This Scope of Work may be distributed to each of the contracted Consultant(s), or to a single Consultant at the County's discretion. Should the Consultant desire to perform the work, the Consultant will provide any additional information relevant to their ability to perform the requested scope, experience in performing similar work, availability of staff to complete the work, and a cost estimate. The County may require the cost estimate be in the form of a "lump sum" cost, or a "time and materials" cost (utilizing Consultant/Contractor contract labor rates). The County will review the submitted information and cost, and, at its sole discretion, select a Consultant/Contractor to perform the work. Upon agreement with the Consultant, a Task Order will be prepared that will include, at a minimum, a Task Order will be prepared that will include, at a minimum, the summary of the approach to the County-identified scope of work and the cost estimate and project schedule. The Task Order will be reviewed, and written approval must be provided by the County prior to commencement of work activities.

The Consultant labor rate sheets and their selected Laboratory unit costs for laboratory tests are provided in Exhibit 2-Cost Estimate. If selected for a specific task, the Consultant shall use the provided unit costs to develop cost estimates for work orders that will be developed for non-routine tasks.

The County shall make available to the Consultant all pertinent data that is in County's possession in the manner and format the County deems most beneficial, and in the condition it exists.

The County reserves the right to negotiate for reasonable cost to perform each scope of work prior to issuance of a Task Order. The County reserves the right to reject all Task Order cost estimates if it considers that estimates are not responsive or lacking relevant information.

Support Services

Non-Routine Water Quality Monitoring and Response Support Services involve general and professional geologic and hydrogeologic services needed at any of the twenty-five (25) landfill or disposal sites included in the Routine WQM&R program, as well as fourteen (14) additional sites. The sites are listed below:

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| 1. Big Bear Landfill | 21. Crestmore Disposal Site |
| 2. Landers Landfill | 22. Mid-Valley Sanitary Landfill |
| 3. Lucerne Valley Landfill | 23. Milliken Sanitary Landfill |
| 4. Morongo Valley Landfill | 24. San Timoteo Sanitary Landfill |
| 5. Needles Landfill | 25. Yucaipa Disposal Site |
| 6. Parker Dam Disposal Site | 26. Joshua Tree Disposal Site |
| 7. Twenty-nine Palms Landfill | 27. Cedar Springs Disposal Site |
| 8. Adelanto Disposal Site | 28. Crestline Disposal Site |
| 9. Apple Valley Sanitary Landfill | 29. Daggett Disposal Site |
| 10. Baker Sanitary Landfill | 30. Kramer Junction Disposal Site |
| 11. Barstow Sanitary Landfill | 31. Wrightwood Disposal Site |
| 12. Heaps Peak Disposal Site | 32. Cajon Disposal Site |
| 13. Hesperia Sanitary Landfill | 33. Cooley Ranch Disposal Site |
| 14. Lenwood-Hinkley Sanitary Landfill | 34. Devore Disposal Site |
| 15. Newberry Springs Sanitary Landfill | 35. Etiwanda Disposal Site |
| 16. Phelan Sanitary Landfill | 36. Mentone Disposal Site |
| 17. Trona-Argus Sanitary Landfill | 37. Mill Creek Disposal Site |
| 18. Victorville Sanitary Landfill | 38. Oak Glen Disposal Site |
| 19. Yermo Sanitary Landfill | 39. Plunge Creek Disposal Site |
| 20. Colton Sanitary Landfill | |

Non-Routine Water Quality Monitoring and Response Support Services may be performed for any aspect of the County's waste disposal system that is overseen by the County Engineering Section. These services include, but are not limited to the following items:

- Provide professional support and represent the County in interactions with regulatory agencies.
- Preparation of responses and/or work plans to address regulatory agency information requests or action orders.

- Preparation of and implementation of Evaluation Monitoring Programs (EMP).
- Preparation of and implementation of Engineering Feasibility Studies (EFS).
- Design and implementation of Corrective Action Programs (CAP).
- Development, implementation, and support of intrinsic bioremediation programs.
- Conduct regulatory required groundwater sampling, laboratory analysis and reporting for sites not included in the Routine WQM&R Program.
- Groundwater sampling in support of EMP, EFS, CAP or other regulatory response activities.
- Groundwater sampling in support of County landfill and/or disposal site investigations.
- Monitoring and data collection appurtenant to the SWMD's Alternative Cover Assessment Program (ACAP) at various sites.
- Stormwater sampling, analyses and reporting support.
- Installation, maintenance, repair, and/or replacement of groundwater well pumps and/or associated sampling infrastructure.
- Installation, maintenance, repair, and/or replacement of groundwater monitoring wells
- Installation, maintenance, repair, and/or replacement of piezometers.
- Installation, maintenance, repair, and/or replacement of vadose zone probes.
- Installation, maintenance, repair, and/or replacement of groundwater mitigation system components.
- Installation, maintenance, repair, and/or replacement of groundwater monitoring well components, infrastructure, and appurtenances.
- Installation, maintenance, monitoring, sampling, repair, and/or replacement of Leachate Collection and Recovery Systems and/or Leachate Treatment Systems.
- Transport and Disposal of collected leachate.
- Installation, maintenance, repair, and/or replacement of surface impoundment facilities, infrastructure, and appurtenances.
- Installation, maintenance, monitoring, sampling, repair, and/or replacement of Condensate Collection Systems and/or Condensate Treatment Systems.
- Transport and Disposal of collected Condensate.
- Construction Management and Construction Quality Assurance services related to the tasks mentioned above.
- Provide laboratory services in support of County landfill and disposal site activities.