

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

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WASTE DISCHARGE REQUIREMENTS ORDER R7-2022-0010



ORDER INFORMATION

Discharger(s): Chandler Garnet, LLC
Facility: Palm Springs Inert Debris Engineered
Fill Operation
Address: 5400 N. Indian Canyon Drive
County: Riverside County
Parcel Nos.: 669-10-0008, 669-10-0005
WDID: 7A332244001
GeoTracker ID WDR100053763

CERTIFICATION

I, Paula Rasmussen, Executive Officer, hereby certify that the following is a full, true, and correct copy of the order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on June 14, 2022

Original Signed By

PAULA RASMUSSEN
Executive Officer

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GLOSSARY

Antidegradation Policy	Statement of Policy with Respect to Maintaining High Quality Waters in California, State Water Board Resolution 68-16
Basin Plan	Water Quality Control Plan for Colorado River Basin Region
BPTC	Best Practicable Treatment and Control
CEQA	California Environmental Quality Act
CEQA Guidelines	California Code of Regulations, title 14, section 15000 et seq.
DTSC	California Department of Toxic Substances Control
DWR	California Department of Water Resources
MCL[s]	Maximum Contaminant Level[s] for Drinking Water under Title 22
MRP	Monitoring and Reporting Program
R[O]WD	Report of Waste Discharge
SPRRs / Standard Provisions ...	Standard Provisions and Reporting Requirements
Title 22	California Code of Regulations, title 22
Title 23	California Code of Regulations, title 23
Title 27	California Code of Regulations, title 27
USEPA	United States Environmental Protection Agency
WDRs	Waste Discharge Requirements
WQO[s]	Water Quality Objective[s]

FINDINGS

The Colorado River Basin Regional Water Quality Control Board (Regional Water Board) hereby finds as follows:

1. Chandler Garnet, LLC plans to operate the Inert Debris Engineered Fill Operation at the sand and gravel mine (IDEFO or Facility) owned by Granite Construction Company, which also operates an associated sand and gravel plant. The IDEFO would serve as a fill operation that recycles and utilizes inert materials, including broken concrete, asphalt, clay, and soil to fill mined-out areas to return the property to a usable condition. The IDEFO would comply with and operate pursuant to Granite Construction Company's approved Mining and Reclamation Plan, (updated with clarifying addenda April 3, 2003).
2. The IDEFO operated by the Discharger is assigned California Integrated Water Quality System (CIWQS) No. 7A332244001 and GeoTracker Global Identification No. WDR100053763.
3. The sand and gravel processing plant owned by Granite Construction Company, which includes a wastewater disposal basin, is separately regulated by waste discharge requirements (WDRs) under Order R7-2006-0018.
4. The 121-acre Facility is located on 5400 North Indian Canyon Drive, Palm Springs, California 92262. The Assessor's Parcel Numbers are 669-10-0008 and 669-10-0005, and the longitude and latitude coordinates are 116.5438 degrees west and 33.8924 degrees north, respectively. The Facility location is shown in **Attachment A – Vicinity Map**, made part of the Order by reference.
5. On April 26, 2021, the Discharger submitted an application and Report of Waste Discharge (ROWD) to the Regional Water Board, applying for WDRs for the Facility. As part of the ROWD package, the Discharger submitted a Technical Report that included a Load Checking Program (LCP) and Waste Acceptance Plan (WAP) for the proposed operation of the IDEFO.

Inert Debris Engineered Fill Operation (IDEFO)

6. The designed maximum fill area for the IDEFO is approximately 70+/- acres. Additional acreage may be made available as a result of excavations from the sand and gravel mine in the coming years.
7. The maximum fill volume if the site were to be fully mined under current permits is 14,000,000 cubic yards. Without the continuation of the mining operation, the fill volume is estimated at 6,000,000 cubic yards.

8. Land uses within one mile from the perimeter of the operation are open desert.
9. The IDEFO will operate concurrently with the mining operation regulated by SMP XXXX, conducting reclamation and restoration activities in areas hollowed out by the mining portion. The IDEFO will be a complimentary means of achieving final reclamation for the project.
10. Site activities will be conducted Monday – Saturday, from 6 am to 6 pm.
11. The Facility is expected to receive up to 1 million cubic yards of inert waste¹ per year. These are estimates; the Facility has not started receiving wastes. The sources of the waste may include construction sites or similar demolition activities where inert waste is produced.
12. Inert materials will be spread on land in lifts and compacted under controlled conditions to achieve a uniform and dense mass which is capable of supporting structural loading, as necessary, or supporting other uses such as recreation, agriculture and open space in order to provide land that is appropriate for an end use consistent with approved local general and specific plans (e.g., roads, building sites or other improvements) where an engineered fill is required to facilitate productive use(s) of the land.
13. Water sources at the site are metered city water and rainfall that accumulates in the mining pit. These sources of water may be used for dust suppression.
14. Unusual peak loads will be met with extra inspectors to ensure that all material is acceptable for placement at the IDEFO. The size and area of the fill can be extended in order to accommodate unusually high amount of truck traffic and material can be stockpiled if necessary, without preventing any operational interference. The property will maintain a large enough staging area to avoid creating any overflow onto public roads or cause any interference with other operations or public access.

¹ Title 27, section 20230(a) defines “inert waste” is that subset of solid waste that does not contain hazardous waste or soluble pollutants at concentrations in excess of applicable water quality objectives and does not contain significant quantities of decomposable waste.

Unless otherwise noted, the terms in this Order are as defined in Title 27, section 20164; Title 14, section 17381; Water Code, section 13050; and other applicable state and federal regulations.

15. Salvaging of materials, such as metal, is only to be conducted by on site personnel, in a planned and controlled manner. No salvaging by outside persons or companies will be allowed. Salvaged materials are to be placed for storage in a specified, clearly identifiable area, segregated from the working fill. An example of material salvaged is metal (e.g., rebar, piping), which is to be picked out of the loads by site attendants and placed in dedicated roll-off containers for removal from the site within 30-60 days.

Hydrogeologic Conditions

16. The Facility is located on the east side of North Indian Avenue approximately one-half mile south of interstate 10 freeway and lying south of and parallel to Garnet Hill and Garnet Hill Fault line.
17. Annual precipitation in the area is approximately 5 inches, and the temperature ranges from 40-107 degrees Fahrenheit. The annual evaporation rate is approximately 66 inches.
18. A municipal well located about 1.5 miles south of the Facility measured a Total Dissolved Solids concentration of 510 mg/L at 180 feet below ground surface. No groundwater wells are present on site.
19. The site is in the geologic and regulatory floodplain of the Whitewater River. The Whitewater River is a braided ephemeral watercourse, which transports high concentrations of coarse sediment during large floods.
20. The Whitewater River is subject to extreme lateral erosion and sediment disposition during floods. The primary flood hazard at the site is flood inundation onto the site from the west over Indian Avenue.

Basin Plan, Beneficial Uses, and Regulatory Considerations

21. The Water Quality Control Plan for the Colorado River Basin Region (Basin Plan), adopted on November 17, 1993 and most recently amended on January 8, 2019, designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters addressed through the plan. Pursuant to Water Code section 13263, subdivision (a), WDRs must implement the Basin Plan and take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste discharges, the need to prevent nuisance, and the provisions of Water Code section 13241.
22. The Facility and discharge are located within the Coachella Hydrologic Unit, and the Basin Plan designates the following beneficial uses for groundwater:

- a. Municipal Supply (MUN),
 - b. Industrial Supply (IND), and
 - c. Agricultural Supply (AGR).
23. This Order establishes WDRs pursuant to division 7, chapter 4, article 4 of the Water Code for discharges that are not subject to regulation under Clean Water Act section 402 (33 U.S.C. § 1342).
24. These WDRs implement numeric and narrative water quality objectives for groundwater and surface waters established by the Basin Plan and other applicable state and federal laws and policies. The numeric objectives for groundwater designated for municipal and domestic supply are the maximum contaminant levels (MCLs) specified in Title 22, section 64421, et seq. Groundwater for use as domestic or municipal water supply (MUN) must not contain taste or odor-producing substances in concentrations that adversely affect beneficial uses as a result of human activity.
25. Regulations governing nonhazardous solid waste landfills are included in California Code of Regulations, title 27, division 2, subdivision 1, commencing with section 20005 (“Consolidated Regulations for Treatment, Storage, Processing or Disposal of Solid Waste”). Section 20230 of Title 27 provides that inert wastes do not need to be discharged at classified waste management units, but that the regional water boards may prescribe individual or general WDRs to regulate discharges of inert wastes. This Order serves as individual WDRs that regulate the discharge of inert solid waste.
26. Inert debris engineered fill operations are also regulated pursuant to California Code of Regulations, title 14, division 7, chapter 3, article 5.95, commencing with section 17387 (“Construction and Demolition Waste and Inert Debris Disposal Regulatory Requirements”). While the regional water boards are not the primary agencies tasked with implementation of these regulations, section 17388.3 of Title 14 provides that inert debris engineered fill operations must comply with applicable WDRs from the regional water board.
27. Consistent with Water Code section 13241, the Regional Water Board, in establishing the requirements contained herein, considered factors including, but not limited to, the following:
 - a. Past, present, and probable future beneficial uses of water.
 - b. Environmental characteristics of the hydrographic unit under consideration, including the quality of water available thereto.

- c. Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area.
 - d. Economic considerations.
 - e. The need for developing housing within the region(s).
 - f. The need to develop and use recycled water.
28. Water Code section 13267 authorizes the Regional Water Board to require technical and monitoring reports. The monitoring and reporting requirements in Monitoring and Reporting Program (MRP) R7-2022-0010 are necessary to demonstrate compliance with this Order. The State Water Resources Control Board's (State Water Board) electronic database, GeoTracker Information Systems, facilitates the submittal and review of facility correspondence, discharger requests, and monitoring and reporting data. The burden, including costs, of the MRP bears a reasonable relationship to the need for the information and the benefits to be obtained from that information.
29. Pursuant to Water Code section 13263, subdivision (g), the discharge of waste is a privilege, not a right, and adoption of this Order does not create a vested right to continue the discharge.

Antidegradation Analysis

30. State Water Board Resolution 68-16, entitled Statement of Policy with Respect to Maintaining High Quality Waters in California (Resolution 68-16), generally prohibits the Regional Water Board from authorizing discharges that will result in the degradation of high quality waters, unless it is demonstrated that any change in water quality will (a) be consistent with maximum benefit to the people of the state, (b) not unreasonably affect beneficial uses, and (c) not result in water quality less than that prescribed in state and regional policies (e.g., the violation of one or more water quality objectives). The discharger must also employ best practicable treatment or control (BPTC) to minimize the degradation of high quality waters. High quality waters are surface waters or areas of groundwater that have a baseline water quality better than required by water quality control plans and policies.
31. Stormwater discharges from the IDEFO are not expected to cause degradation of areal surface waters. The Facility is not permitted to accept any wastes other than inert wastes that are defined by regulation. Further, inert wastes are not permitted to contain significant quantities of decomposable waste. The Discharger is required to maintain proper waste management practices, to

minimize erosion, and to provide adequate surface drainage control. Discharges to surface waters are prohibited by this Order, except in specified circumstances. The Regional Water Board finds that under normal operating conditions, the discharge conditions established in this Order will ensure that existing beneficial uses and quality of waters of the state will be maintained and protected, and no degradation will occur.

Stormwater

32. Federal regulations for stormwater discharges were promulgated by the U.S. Environmental Protection Agency (USEPA) on November 16, 1990 (40 C.F.R. parts 122, 123, and 124) to implement the Clean Water Act's stormwater program set forth in Clean Water Act section 402(p) (33 U.S.C. §1342(p)). In relevant part, the regulations require specific categories of facilities that discharge stormwater associated with industrial activity to "waters of the United States" to obtain National Pollutant Discharge Elimination System (NPDES) permits and to require control of such pollutant discharges using Best Available Technology Economically Achievable (BAT) and Best Conventional Pollutant Control Technology (BCT) to prevent and reduce pollutants and any more stringent controls necessary to meet water quality standards.
33. The State Water Board adopted Water Quality Order 2014-0057-DWQ (NPDES No. CAS000001), *General Permit for Storm Water Discharges Associated with Industrial Activities* (Industrial General Permit), which became effective on July 1, 2015. The Industrial General Permit regulates discharges of stormwater associated with certain industrial activities, excluding construction activities, and requires submittal of a Notice of Intent (NOI) to be covered under the permit. The Facility is enrolled under the Industrial General Permit and has a WDID number of 733I029221.

CEQA and Public Participation

34. Pursuant to Title 14, section 15301, the issuance of these WDRs, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (CEQA), Public Resources Code section 21000 et seq.
35. The Regional Water Board has notified the Discharger and all known interested agencies and persons of its intent to issue WDRs for this discharge and provided them with an opportunity for a public meeting and to submit comments.
36. The Regional Water Board, in a public meeting, heard and considered all comments pertaining to this discharge.

REQUIREMENTS

IT IS HEREBY ORDERED, pursuant to Water Code sections 13263 and 13267, that the Discharger shall comply with the following.

A. Receiving Water Limitations

1. The discharge of wastes at the IDEFO shall not cause surface water or groundwater to be degraded, to exceed water quality objectives, unreasonably affect beneficial uses, or cause a condition of pollution or nuisance.

B. Prohibitions

1. **Pollution, Contamination, Nuisance** – The discharge of waste at the IDEFO shall not create a condition of pollution, contamination or nuisance, as defined by Water Code section 13050.
2. **No Discharge to Surface Waters** – The discharge of waste, including stormwater runoff, to surface waters from the IDEFO is prohibited.
3. **Prevention of Erosion** – Erosion of deposited materials at the IDEFO by surface flow is prohibited.
4. **Prevention of Ponding** – Ponding of water or other liquids on surfaces overlying waste disposal areas is prohibited.
5. **Hazardous Wastes, Designated Wastes, and Special Wastes** – No hazardous wastes (Title 22, § 66261.3 et seq.), designated wastes (Wat. Code, § 13173), or special wastes (Title 27, § 20164, as categorized in Title 22, §§ 66261.120, 66261.122, and 66261.124), such as liquids, oils, waxes, tars, soaps, solvents, or readily water-soluble solids, such as salts, borax, lye, caustic or acids shall be disposed of or deposited at the IDEFO.
6. **Non-Hazardous Solid Wastes** – No non-hazardous solid wastes (Title 27, § 20220(a), including decomposable organic refuse such as, but not necessarily limited to, ordinary household and commercial refuse, tin cans, metals, paper and paper products, plasterboard, cloth and clothing, wood and wood products, lawn clippings, sod, shrubbery, hair, hide, bones, dead animals, roofing paper, tar paper, unquenched ashes mixed with refuse, market refuse, garbage, etc.) shall be disposed of or deposited at the IDEFO.

7. **Sewage Sludge** – No sewage sludge or water treatment sludge shall be disposed of or deposited at the IDEFO.
8. **Toxic Materials** – No materials of a toxic nature such as insecticides and poisons shall be disposed of or deposited at the IDEFO.
9. **Radioactive Materials** – No radioactive materials shall be disposed of or deposited at the IDEFO.
10. **Asbestos** – No asbestos or asbestos products shall be disposed of or deposited at the IDEFO.
11. **Organic Materials** – The Discharger shall not dispose of any organic materials, green waste, woodwaste, gypsum-board, drywall or other gypsum-related materials at the IDEFO.
12. **Petroleum Hydrocarbons** – The Discharger shall not accept for disposal at the IDEFO any waste containing volatile organic compounds, semi-volatile organic compounds, or petroleum hydrocarbons, other than fully cured asphaltic waste as defined in Title 14, at concentrations greater than those specified in a Waste Acceptance Plan (WAP) approved by the Executive Officer. This prohibition does not apply to inert waste materials, such as concrete, brick, and fully cured asphalt, that may contain incidental amounts of petroleum hydrocarbons, such as is found in oil and grease stains on roadways, parking lots, etc.
13. **Free Liquids** – The Discharger shall ensure that any wastes accepted for disposal at the IDEFO do not contain any free liquids.
14. **Concentrations of Dissolved Solids or Soluble Pollutants** – The Discharger shall ensure that any wastes accepted for disposal or deposition at the IDEFO do not contain dissolved solids or any other soluble pollutant at concentrations greater than applicable water quality objectives.
15. **pH Levels** – The Discharger shall ensure that any wastes accepted for disposal or deposition at the IDEFO do not have a pH less than 6.0 pH units nor more than 9.0 pH units.
16. **Concrete Grinding Residues and Remnant Concrete Slurries** – The Discharger shall not accept any concrete grinding residues or remnant concrete slurries for deposition or disposal at the IDEFO.

17. **Electronic Waste** – The Discharger shall not accept any electronic waste for disposal or deposition at the IDEFO.
18. **Type B Inert Debris** – The Discharger shall ensure that no Type B Inert Debris is disposed of or deposited at the IDEFO.

C. IDEFO Discharge Specifications

1. The Discharger shall implement the Load Checking Program (LCP) submitted with the ROWD and take all other necessary measures to prevent any prohibited, unauthorized, or unapproved wastes or materials from being discharged at the IDEFO. Any revisions to the LCP must be approved by the Executive Officer and address the requirements of Title 27, section 2087.
2. The Discharger shall comply with the Waste Acceptance Plan (WAP) submitted with the ROWD, which describes the steps, procedures, methods, and criteria that will be used to ensure that earth materials accepted at the Facility for deposition or disposal do not contain any constituents of concern at concentrations that could pollute or contaminate water resources. Any revisions to the WAP must be approved by the Executive Officer.
3. Wastes discharged at the IDEFO shall be limited to inert wastes as defined in Title 27, section 20230(a) and as limited by the specifications, prohibitions, provisions, and requirements contained in this Order. All such wastes shall be placed, managed, and maintained on property owned or controlled by the Discharger.
4. The Discharger shall only dispose of fully cured asphaltic waste at the IDEFO and shall ensure that any asphaltic waste that is accepted for disposal or deposition at the IDEFO is placed in accordance with the following:
 - a. Any asphaltic material accepted for deposition or disposal shall not be placed directly into any standing or ponded water.
 - b. Any asphaltic material accepted for deposition or disposal shall be placed at an elevation no less than five feet above the historical high groundwater elevation for the Facility
5. The Discharger shall ensure that any concrete or other inert waste, which contains steel or other metal materials, that is accepted for disposal or deposition at the IDEFO is processed to a reasonable and practicable

extent to remove the steel or other metal materials before being permanently disposed of at the IDEFO. Disposal or deposition at the IDEFO of any concrete or other inert waste, processed or unprocessed, that still contains steel or other metal materials shall be performed in accordance with the following:

- a. The concrete or inert waste shall not be placed directly into any standing or ponded water.
 - b. The concrete or inert waste shall be placed at an elevation no less than five feet above the historical high groundwater elevation for the facility.
6. Drilling muds may be accepted at the IDEFO for processing, recycling, and/or disposal provided that the drilling muds are managed at the IDEFO in accordance with a Drilling Mud Management Plan submitted and approved by the Executive Officer as required in these WDRs. Dischargers shall not accept any drilling mud at an IDEFO that was generated in or otherwise associated with petroleum industry drilling operations, exploration, or production, or that contains any petroleum hydrocarbons or any other constituents at concentrations that may contaminate or pollute the state's water resources.
7. The Discharger shall be responsible for accurate characterization of any wastes under consideration for disposal or deposition at the IDEFO and whether or not such wastes are required to be managed as hazardous wastes.
8. The IDEFO shall be designed, constructed, and maintained to limit, to the greatest extent possible, ponding, infiltration, inundation, erosion, slope failure, and washout which could occur as a result of precipitation from a 100-year, 24-hour frequency storm. In addition, the Discharger shall comply with the following:
- a. Units shall be designed, constructed, and maintained to achieve compliance with the requirements in Title 27, section 20365.
 - b. Top deck surfaces shall be constructed to achieve a minimum one percent slope and to direct flows to downdrains and other drainage control features.
 - c. Downdrains and other necessary drainage structures must be constructed for all sideslopes.

D. IDEFO Closure Specifications

1. Ninety (90) days prior to cessation of disposal operations at the IDEFO, the Discharger shall submit a technical report to the Regional Water Board describing the methods and controls to be used to assure protection of the quality of receiving waters during final operations and with any proposed subsequent use of the land.
2. In accordance with Title 14, section 17388.3(g), upon the final placement of waste at an IDEFO, the Discharger shall cover the site of fill with three feet of compacted soil above the fill area or with other final cover as determined by the Local Enforcement Agency (LEA). The LEA may determine, on the basis of substantial evidence, that a lesser amount of final cover or no final cover is needed, based on potential impacts to the public health, safety and the environment. The final cover shall be designed, constructed, and maintained to prevent, to the greatest extent possible, ponding, infiltration, inundation, erosion, slope failure, and washout which could occur as a result of precipitation from a 100-year, 24-hour frequency storm. The final cover shall be constructed and graded to achieve an average of three to four percent slope.
3. Due to the nature of the wastes discharged, the Discharger shall file a deed notice with the Recorder of the county in which the site is located, which identifies the prior uses and waste discharge practices at the property. The notice shall include a property description and a map that identifies the location of the buried wastes. Confirmation of recordation and a copy of the deed notice shall be provided to the Executive Officer within 60 days of site closure.

E. Standard Provisions

1. **Noncompliance.** The Discharger shall comply with all of the terms, requirements, and conditions of this Order and MRP R7-2022-0010. Noncompliance is a violation of the Porter-Cologne Water Quality Control Act (Water Code, § 13000 et seq.) and grounds for: (1) an enforcement action; (2) termination, revocation and reissuance, or modification of these waste discharge requirements; or (3) denial of an Order renewal application.
2. **Enforcement.** The Regional Water Board reserves the right to take any enforcement action authorized by law. Accordingly, failure to timely comply with any provisions of this Order may subject the Discharger to enforcement action. Such actions include, but are not limited to, the assessment of administrative civil liability pursuant to Water Code sections

13323, 13268, and 13350, a Time Schedule Order (TSO) issued pursuant to Water Code section 13308, or referral to the California Attorney General for recovery of judicial civil liability.

3. **Proper Operation and Maintenance.** The Discharger shall at all times properly operate and maintain all systems and components of collection, treatment, and control installed or used by the Discharger to achieve compliance with this Order. Proper operation and maintenance includes, but is not limited to, effective performance, adequate process controls, and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities/systems when necessary to achieve compliance with this Order. All systems in service or reserved shall be inspected and maintained on a regular basis. Records of inspections and maintenance shall be retained and made available to the Regional Water Board on request.
4. **Reporting of Noncompliance.** The Discharger shall report any noncompliance that may endanger human health or the environment. Information shall be provided orally to the Regional Water Board office and the Office of Emergency Services within twenty-four (24) hours of when the Discharger becomes aware of the incident. If noncompliance occurs outside of business hours, the Discharger shall leave a message on the Regional Water Board's office voicemail. A written report shall also be provided within five business days of the time the Discharger becomes aware of the incident. The written report shall contain a description of the noncompliance and its cause, the period of noncompliance, the anticipated time to achieve full compliance, and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. A final certified report must be submitted through the online GeoTracker system. Additional information may be added to the certified report, in the form of an attachment, at any time. All other forms of noncompliance shall be reported with the Discharger's next scheduled Self-Monitoring Report (SMR), or earlier if requested by the Regional Water Board's Executive Officer.
5. **Duty to Mitigate.** The Discharger shall take all reasonable steps to minimize or prevent any discharge in violation of this Order that has a reasonable likelihood of adversely affecting human health or the environment.
6. **Material Changes.** Prior to any modifications which would result in any material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the Discharger shall report all pertinent information in writing to the Regional

Water Board, and if required by the Regional Water Board, obtain revised requirements before any modifications are implemented.

7. **Familiarity with Order.** The Discharger shall ensure that all site-operating personnel are familiar with the content of this Order and maintain a copy of this Order at the site.
8. **Inspection and Entry.** The Discharger shall allow the Regional Water Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter the premises regulated by this Order, or the place where records are kept under the conditions of this Order;
 - b. Have access to and copy, at reasonable times, records kept under the conditions of this Order;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
 - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Order or as otherwise authorized by the Water Code, any substances or parameters at this location.
9. **Records Retention.** The Discharger shall retain copies of all reports required by this Order and the associated MRP. Records shall be maintained for a minimum of five years from the date of the sample, measurement, report, or application. Records may be maintained electronically. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Water Board's Executive Officer.
10. **Change in Ownership.** This Order is not transferable to any person without written approval by the Regional Water Board's Executive Officer. Prior to any change in ownership of this operation, the Discharger shall notify the Regional Water Board's Executive Officer in writing at least 30 days in advance. The notice must include a written transfer agreement between the existing owner and the new owner. At a minimum, the transfer agreement must contain a specific date for transfer of responsibility for compliance with this Order and an acknowledgment that the new owner or operator is liable for compliance with this Order from the date of transfer. The Regional Water Board may require modification or revocation and reissuance of this Order to change the name of the

Discharger and incorporate other requirements as may be necessary under the Water Code.

11. **Format of Technical Reports.** The Discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with California Code of Regulations, title 23, division 3, chapter 30, as raw data uploads electronically over the Internet into the State Water Board's [GeoTracker database](#). Documents that are normally mailed by the Discharger to the Regional Water Board, such as regulatory documents, narrative monitoring reports or materials, and correspondence, shall also be uploaded into GeoTracker in the appropriate Microsoft Office software application format, such as Word or Excel files, or as a Portable Document Format (PDF) file. Large documents must be split into appropriately-labelled, manageable file sizes and uploaded into GeoTracker.
12. **Qualified Professionals.** In accordance with Business and Professions Code sections 6735, 7835, and 7835.1, engineering and geologic evaluations and judgments shall be performed by or under the direction of California registered professionals (i.e., civil engineer, engineering geologist, geologist, etc.) competent and proficient in the fields pertinent to the required activities. All technical reports required under this Order that contain work plans, describe the conduct of investigations and studies, or contain technical conclusions and recommendations concerning engineering and geology shall be prepared by or under the direction of appropriately-qualified professional(s), even if not explicitly stated. Each technical report submitted by the Discharger shall contain a statement of qualifications of the responsible licensed professional(s) as well as the professional's signature and/or stamp of the seal. Additionally, all field activities are to be conducted under the direct supervision of one or more of these professionals.
13. **Certification Under Penalty of Perjury.** All technical reports required in conjunction with this Order shall include a statement by the Discharger, or an authorized representative of the Discharger, certifying under penalty of perjury under the laws of the State of California, that the reports were prepared under his or her supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted, and that based on his or her inquiry of the person or persons who manage the system, the information submitted is, to the best of his or her knowledge and belief, true, complete, and accurate.

14. **Violation of Law.** This Order does not authorize violation of any federal, state, or local laws or regulations.
15. **Property Rights.** This Order does not convey property rights of any sort, or exclusive privileges, nor does it authorize injury to private property or invasion of personal rights.
16. **Modification, Revocation, Termination.** This Order may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Discharger for an Order modification, rescission, or reissuance, or the Discharger's notification of planned changes or anticipated noncompliance, does not stay any Order condition. Causes for modification include, but are not limited to, the violation of any term or condition contained in this Order, a material change in the character, location, or volume of discharge, a change in land application plans or sludge use/disposal practices, or the adoption of new regulations by the State Water Board, Regional Water Board (including revisions to the Basin Plan), or federal government.
17. **Severability.** The provisions of this Order are severable. If any provision of this Order is found invalid, the remainder of these requirements shall not be affected.

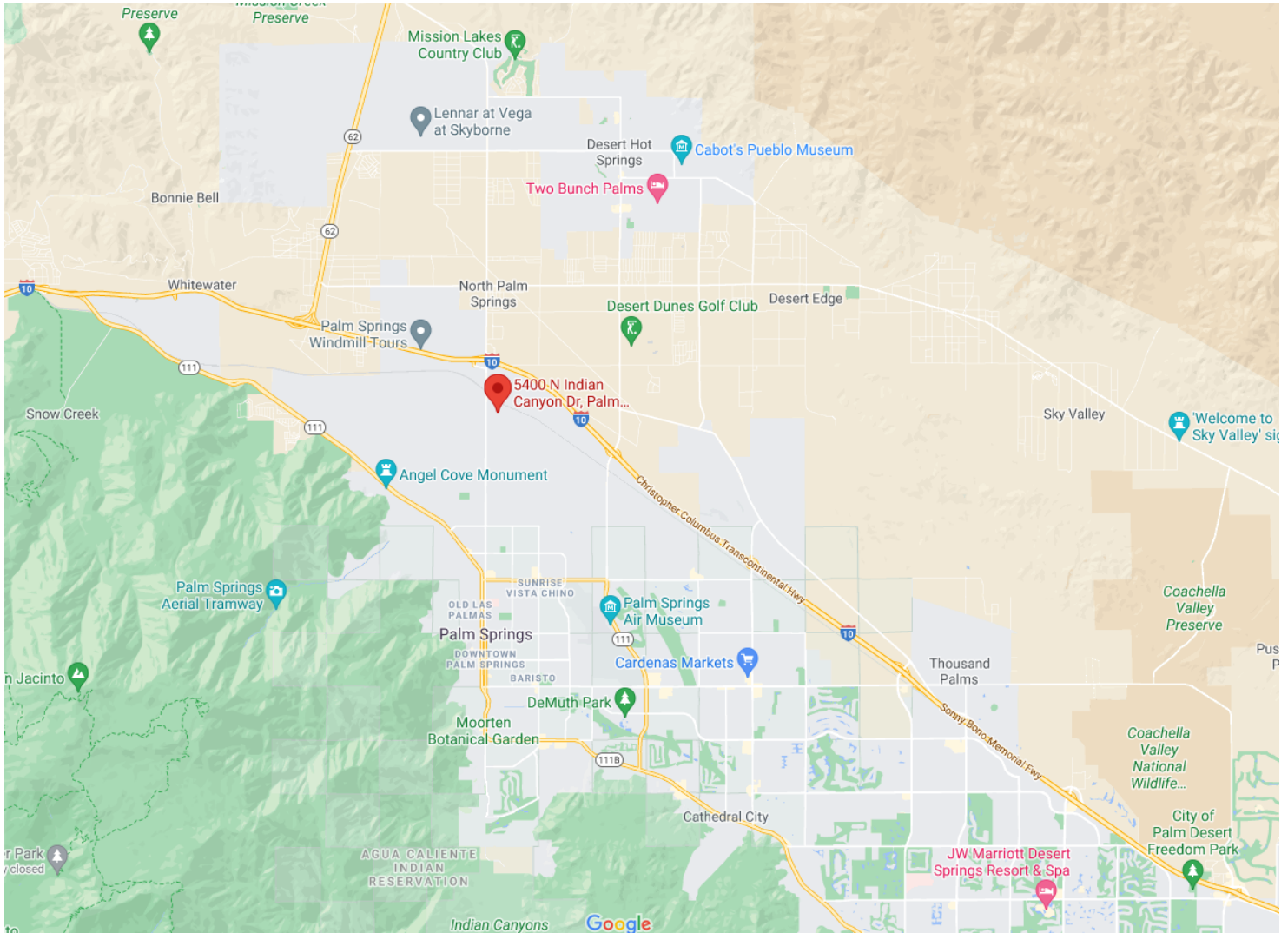
Any person aggrieved by this Regional Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. The State Water Board must receive the petition by 5:00 p.m. on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the statutes and regulations applicable to filing petitions are available on the State Water Board's website and can be provided upon request.

ORDER ATTACHMENTS

Attachment A—Vicinity Map
Attachment B—Site Map
Attachment C—Block Flow Diagram

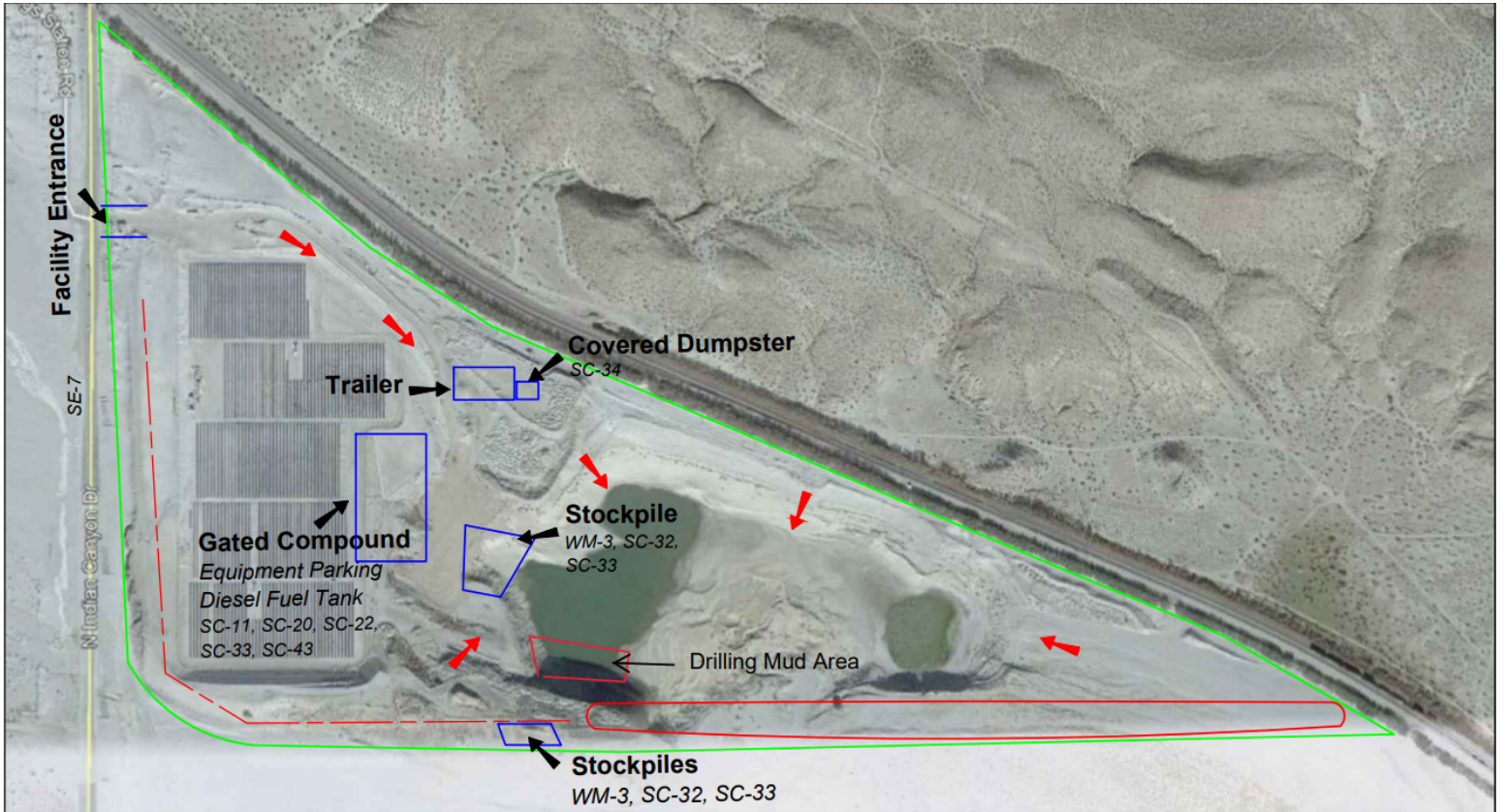
WASTE DISCHARGE REQUIREMENTS ORDER R7-2022-0010
CHANDLER GARNET, LLC
PALM SPRINGS INERT DEBRIS ENGINEERED FILL OPERATION
RIVERSIDE COUNTY

ATTACHMENT A—VICINITY MAP



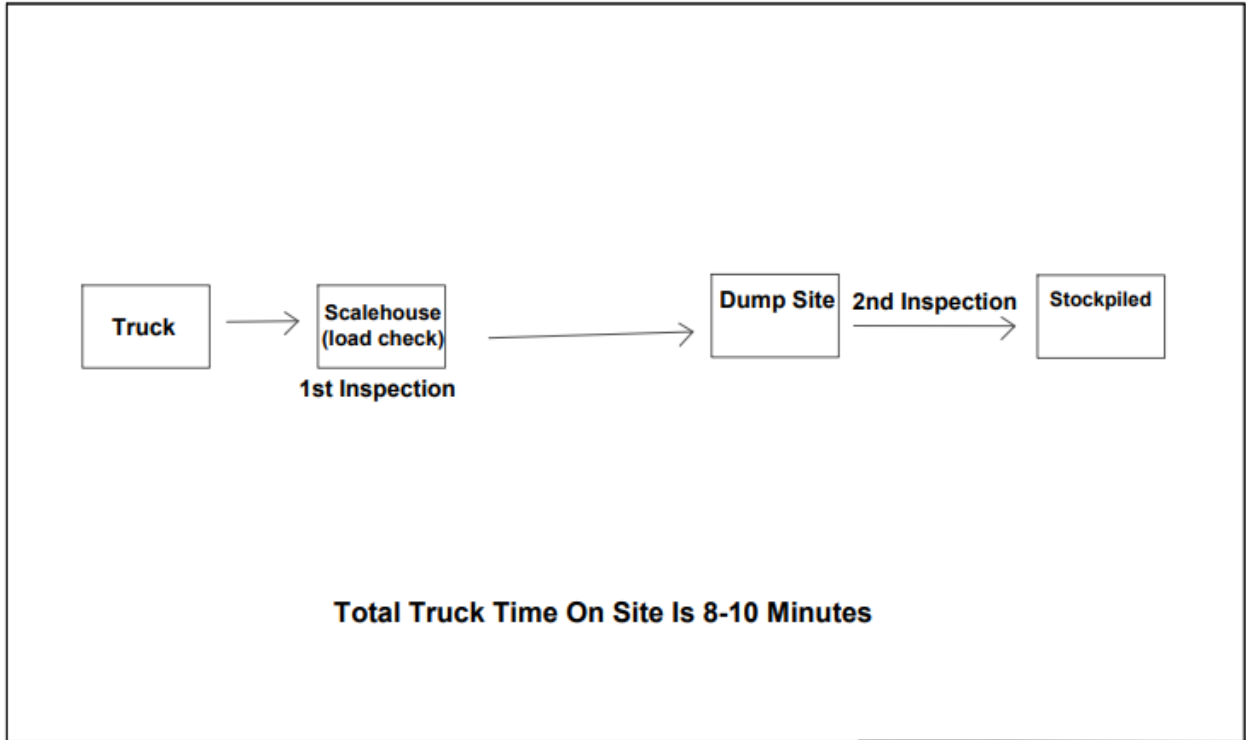
WASTE DISCHARGE REQUIREMENTS ORDER R7-2022-0010
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RIVERSIDE COUNTY

ATTACHMENT B—SITE MAP



WASTE DISCHARGE REQUIREMENTS ORDER R7-2022-0010
CHANDLER GARNET, LLC
PALM SPRINGS INERT DEBRIS ENGINEERED FILL OPERATION
RIVERSIDE COUNTY

ATTACHMENT C—BLOCK FLOW DIAGRAM



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM R7-2022-0010

FOR
CHANDLER GARNET, LLC, OPERATOR
INERT DEBRIS ENGINEERED FILL OPERATION
PALM SPRINGS, RIVERSIDE COUNTY

This Monitoring and Reporting Program (MRP) is issued pursuant to Water Code section 13267 and describes requirements for monitoring. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Regional Water Board or its Executive Officer.

The Discharger operates the wastewater system that is subject to Order R7-2022-0010. The reports required herein are necessary to ensure that the Discharger complies with the Order. Pursuant to Water Code section 13267, the Discharger shall implement the MRP and shall submit monitoring reports described herein.

A. Sampling and Analysis General Requirements

1. **Testing and Analytical Methods.** The collection, preservation, and holding times of all samples shall be in accordance with U.S. Environmental Protection Agency (USEPA)-approved procedures. All analyses shall be conducted in accordance with the latest edition of either the USEPA's *Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act* (40 C.F.R. part 136) or *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods Compendium* (SW-846), unless otherwise specified in the MRP or approved by the Regional Water Board's Executive Officer.
2. **Laboratory Certification.** All analyses shall be conducted by a laboratory certified by the State Water Board, Division of Drinking Water's Environmental Laboratory Accreditation Program (ELAP), unless otherwise approved by the Regional Water Board's Executive Officer.
3. **Reporting Levels.** All analytical data shall be reported with method detection limits (MDLs) and with either the reporting level or limits of quantitation (LOQs) according to 40 Code of Federal Regulations part 136, Appendix B. The laboratory reporting limit for all reported monitoring data shall be no greater than the practical quantitation limit (PQL).
4. **Sampling Location(s).** Samples shall be collected at the location(s) specified in the WDRs. If no location is specified, sampling shall be conducted at the most representative sampling point available.

5. **Representative Sampling.** All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The time, date, and location of each grab sample shall be recorded on the chain of custody form for the sample. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Regional Water Board staff.
6. **Instrumentation and Calibration.** All monitoring instruments and devices used by the Discharger shall be properly maintained and calibrated to ensure their continued accuracy. Any flow measurement devices shall be calibrated at least once per year to ensure continued accuracy of the devices. In the event that continuous monitoring equipment is out of service for a period greater than 24 hours, the Discharger shall obtain representative grab samples each day the equipment is out of service. The Discharger shall correct the cause(s) of failure of the continuous monitoring equipment as soon as practicable. The Discharger shall report the period(s) during which the equipment was out of service and if the problem has not been corrected, shall identify the steps which the Discharger is taking or proposes to take to bring the equipment back into service and the schedule for these actions.
7. **Field Test Instruments.** Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that:
 - a. The user is trained in proper use and maintenance of the instruments,
 - b. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer,
 - c. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency and
 - d. Field calibration reports are submitted.
8. **Records Retention.** The Discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, for a minimum of five (5) years from the date of the sampling or measurement. This period may be extended by request of the Regional Water Board's Executive Officer at any time. Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurement(s),
- b. The individual(s) who performed the sampling or measurement(s),
- c. The date(s) analyses were performed,
- d. The individual(s) who performed the analyses,
- e. The analytical techniques or method used and
- f. All sampling and analytical results, including:
 - i. units of measurement used,
 - ii. minimum reporting limit for the analyses,
 - iii. results less than the reporting limit but above the method detection limit (MDL),
 - iv. data qualifiers and a description of the qualifiers,
 - v. quality control test results (and a written copy of the laboratory quality assurance plan),
 - vi. dilution factors, if used; and
 - vii. sample matrix type.

B. Inert Waste Monitoring

1. **Monitoring and Documentation** – The Discharger shall monitor and document all deliveries of inert waste to the Inert Debris Engineered Fill Operation (IDEFO) and shall prepare annual reports containing summaries of inert wastes accepted for management and disposal at the IDEFO. These reports shall be submitted to the Regional Water Board annually in accordance with the requirements contained in this Order.
2. **Inert Waste Monitoring Program** – Inert waste acceptance, management, discharge, and disposal information shall be compiled and submitted to the Regional Water Board in Annual Summary Reports. For each annual reporting period, the Discharger shall tabulate and report each type of inert waste accepted, managed, and discharged at the IDEFO. Types of inert materials that must be recorded include, but are not limited to, concrete materials, fully cured asphaltic materials, soils and

other earth materials, bricks, ceramic materials, glass, fiberglass, roofing shingles, and slag. Details that must be tabulated and reported include the following:

- a. Name of the agency, organization, or corporation (generator) that generated the inert waste;
 - b. Names and locations of the sites of origination from which the inert waste was generated;
 - c. Owner of the originating site property, if available;
 - d. Type or types of operation(s) conducted at the site(s) of origination;
 - e. Type or types of activity(ies) or operation(s) which produced the inert wastes;
 - f. Discrete and total quantities of inert wastes;
 - g. Dates that discrete quantities of inert waste were delivered to and accepted at the IDEFO;
 - h. Number of truckloads used to transport discrete quantities of inert wastes;
 - i. Type of end use or location of disposal for each discrete quantity of inert waste.
3. **Unauthorized Wastes** – The Discharger shall document pertinent details regarding any shipments of unauthorized wastes that are brought to the IDEFO. These details include, but are not limited to, quantities, types, origin, number of truckloads, Discharger response, and ultimate disposition (if available) of each shipment.

C. Reporting Requirements

9. Annual SMRs for the inert waste disposal shall include, at a minimum, the following:
 - a. **Cover Letter.** A transmittal letter summarizing the essential points in the report.
 - b. **Summary of Monitoring Data.** Inert waste monitoring, including performance of the LCP, shall be summarized in writing and all

waste monitoring data obtained during the reporting period shall be presented in tabular form in the annual report.

- c. **Waste Type and Placement.** The quantities and types of wastes discharged, as described in Provision B.2. above, and a map indicating the locations at the IDEFO where waste has been placed since submittal of the previous such report.
- d. **Results and Findings of Facility and Systems Monitoring** – At a minimum, the following information shall be included in the report:
 - i. Waste Management Areas – Monthly field inspection records for waste management areas and statements describing the condition and performance of these areas;
 - ii. Site Containment and Control Systems – Monthly evaluation records for evaluation of drainage containment and control structures;
 - iii. Off-Site Discharge – Monthly evaluation records for determination of off-site discharges; and
 - iv. Maintenance and Repair Activities – Descriptions of regular and routine maintenance activities, as well as discrete repair activities and events for areas, locations, or instances where facility management and control systems failed, broke down, or were otherwise deteriorating.
- e. **Summary of Changes.** A written summary of monitoring results and monitoring and control systems, indicating any changes made or observed since the previous annual report.
- f. **Remaining Disposal Capacity and Duration.** A written summary describing the results of calculations for the remaining disposal capacity (in cubic yards) and duration (in years and months) at the IDEFO.
- g. **Copy of Certification.** A copy of the annual certification of fill for the Facility by a civil engineer or certified engineering geologist as required in Cal. Code Regs., tit. 14, § 17388.
- h. **Weather Summary.** A descriptive summary and a tabular data summary of weather conditions, patterns and events that occurred

at the IDEFO during the reporting period, as well as a description of the performance of facility systems in response to these conditions, patterns and events.

- i. **Compliance Summary.** Identification of any violations found since the last report was submitted, and actions taken or planned for correcting each violation. If the Discharger previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. If no violations have occurred since the last submittal, this shall be stated.
 - j. **Conclusions.** Each report shall include a summary of any relevant conclusions regarding the findings and results of monitoring activities that were conducted during the monitoring period.
10. **Storm Event Report** – In the event of a major storm event at the Facility (defined as any storm that results in the site receiving more than 0.5 inches of precipitation within a 24-hour period), the Discharger shall submit a brief storm event report to the Regional Water Board within 30 days of the cessation of precipitation. This report shall include a brief description of facility systems performance during the storm event, a tabulation of the amount of precipitation at the site, pertinent photographs, the identification of any deficiencies, and the date and type of corrective action that has, or will be, taken to correct these deficiencies if necessary.
11. **Facility Failure Report** – The Discharger shall notify Regional Water Board staff by telephone and/or email within 48 hours (or two business days) of any slope failure or failure of facilities necessary to maintain compliance with the requirements in this Order. Within seven (7) days, the notification shall be submitted in writing to Regional Water Board staff. Any failure that threatens the integrity of waste containment features or the IDEFO shall be promptly corrected after a remediation workplan and schedule have been approved by Regional Water Board staff, unless it poses an immediate threat to the environment or containment structures. Then it will be corrected as soon as possible.
12. SMRs shall be certified under penalty of perjury to be true and correct. Each SMR submitted to the Regional Water Board shall contain the following completed declaration:

“I declare under the penalty of perjury that I have personally examined and am familiar with the information submitted in this document, and that

based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on the _____ day of _____ at _____
_____(Signature)
_____(Title)"

13. The SMRs and any other information requested by the Regional Water Board shall be signed by a principal executive officer or ranking elected official. A duly authorized representative of the Discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Regional Water Board's Executive Officer.
14. The results of any analysis performed more frequently than required at the locations specified in this MRP shall be reported to the Regional Water Board.
15. As specified in Order R7-2022-0010, Standard Provision D.12, technical reports shall be prepared by or under the direction of appropriately qualified professional(s). Each technical report submitted shall contain a statement of qualification of the responsible licensed professional(s) as well as the professional's signature and/or stamp of the seal.
16. As specified in Order R7-2022-0010, Standard Provision D.11, the Discharger shall comply with Electronic Submittal of Information (ESI) requirements by submitting all correspondence and reports required under MRP R7-2021-0040 and any future revision(s) thereto, including groundwater monitoring data and discharge location data (latitude and

longitude), correspondence, and PDF monitoring reports to the State Water Board's GeoTracker database. Documents too large to be uploaded into GeoTracker should be broken down into smaller electronic files and labelled properly prior to uploading into GeoTracker.