SOLID WASTE FACILITY PERMIT

Facility Number: 21-AA-0001

1. Name and Street Address of Facility:	2. Name and Mailing Address of Operator:	3. Name and Mailing Address of Owner:
Redwood Landfill 8950 Redwood Highway Novato, CA 94945	Redwood Landfill, Inc. P.O. Box 793 Novato, CA 94948	Redwood Landfill, Inc. P.O. Box 793 Novato, CA 94948

4. Specifications:

a. Permitted Operations: X **Solid Waste Disposal Site**

b. Permitted Hours of Operation:

Public:	**M – F, 7:00 am - 3:30 pm and Sat, 8:00 am - 3:30 pm**
Commercial Haulers: (except Sludge Haulers)	**M – F, 12:00 am – 3:00 pm and Sat, 12:00 am - 3:30 pm Memorial Day, July 4, Labor Day, Thanksgiving Day except Sun, 12:00 am – 12pm**
Closed to Public and Commercial Haulers:	**Sundays, New Year's Day, Christmas Day**
Sludge Haulers:	**M – Sun, 24 hours per day except New Year's Day and Christmas Day**
Landfill Operations:	**24 hours per day except New Year's Day and Christmas Day**

c. Permitted Maximum Tonnage: **2,140 tpd Total Material Permitted to be Received Per Day – See 17.e. and 17.r.**

1,390 tpd	**Total Waste for Disposal**
400 tpd	**Total Materials for Recycling**
350 tpd	**Total Cover Materials**

d. Permitted Traffic Volume: **662 Total Daily Vehicles Entering Site of Which 50 Vehicles are Employees, Visitors, Deliveries**

e. Key Design Parameters (Detailed parameters are shown on site plans bearing EA and CalRecycle validations):

	Total	Disposal	Transfer/Processing	Composting	Transformation
Permitted Area (in acres)	**384.8**	**222.5**			
Design Capacity (cu.yds)		**26,077,000 cy**			
Max. Elevation (Ft. BGS)		**122' North Peak** **166' South Peak**			
Max. Depth (Ft. BGS)		**20'**			
Estimated Closure Year		**2036**			

Upon a significant change in design or operation from that described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previously issued solid waste facility permit.

5. Approval:

Rebecca Ng, Local Enforcement Agency

6. Enforcement Agency Name and Address:
Marin County Environmental Health Services
3501 Civic Center Drive, Room 236
San Rafael, CA 94903

7. Date Received by CalRecycle: SEP 2 2 2014

8. CalRecycle Concurrence Date:

9. Permit Issued Date:	10. Permit Review Due Date:	11. Owner/Operator Transfer Date:

SOLID WASTE FACILITY PERMIT

Facility Number:

21-AA-0001

12. Legal Description of Facility:

Section 30 T4N R6W Diablo Meridian – Parcel ONE, as shown upon that certain parcel map entitled "Parcel Map of Redwood Landfill", filed for record August 25, 2003 in Volume 2003 of Maps, at page 197, Marin County Records, EXCEPTING any portion of the described property within the natural bed of San Antonio Creek and in the natural bed of any tidal slough below the elevation of ordinary high tide where it was located prior to any artificial changes.

The legal description of this facility is contained in Appendix A of the Joint Technical Document dated February 25, 2014.

13. Findings:

a. This permit is consistent with the Marin County Integrated Waste Management Plan, which was approved by CalRecycle on April 30, 1998. The location of the facility is identified in the Countywide Siting Element, pursuant to Public Resources Code (PRC), Section 50001(a).

b. This permit is consistent with the standards adopted by CalRecycle, pursuant to PRC 44010.

c. The design and operation of the facility is consistent with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the enforcement agency, pursuant to PRC 44009.

d. The Novato Fire Protection District has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.

e. A Final Environmental Impact Report was filed with the State Clearinghouse (SCH #1991033042) and certified by the Marin County Environmental Health Services on June 10, 2008. The FEIR describes and supports the design and operation which will be authorized by the issuance of this permit. A Notice of Determination was filed with the State Clearinghouse on November 17, 2008. An Addendum to the 2008 FEIR was filed with the State Clearinghouse and adopted by the Marin County Environmental Health Services on September 30, 2013. The Redwood Landfill 1999 Revised Solid Waste Facility Permit Final EIR describes and supports the design and operation, which will be authorized by the issuance of this permit.

f. The owner/operator has agreed to comply with the mitigation measures as described in the Revised Mitigation Monitoring and Reporting Program Dated May 7, 2013. The LEA will monitor compliance with the Mitigation Measures/Conditions of Approval and take appropriate action on subjects within its jurisdiction. The LEA will also consult with other responsible agencies designated in the MMRP as needed on enforcement issues beyond its jurisdiction.

g. The operator will apply for additional permits needed to construct and implement a construction and demolition material resource and recovery operation (C&D operation) within the landfill property within one year of issuance of this SWFP and make every effort to complete implementation within two (2) years of SWFP issuance. The C&D operation will be regulated under a separate permit. This permit may then be subject to modification or revision to reflect updated tonnage limits.

h. This facility falls under the adopted Marin County Greenhouse Gas Reduction Plan (2006) and Marin Countywide Plan Update (2007) goals and policies. Additional landfill capacity beyond the 1995 permitted capacity (to the total capacity of 26.1 mil cy) may be utilized when annual greenhouse gas emissions are reduced consistent with the 2015 benchmark contained in Mitigation Measure 3.2.5.f in the adopted MMRP.

14. Prohibitions: The permittee is prohibited from accepting the following wastes: *Hazardous, radioactive, medical (as defined in Chapter 6.1, Division 20 of the Health and Safety Code), treated wood (as defined in Chapter 6.5, Division 20 of the Health and Safety Code), high liquid content waste, designated, or other wastes requiring special treatment or handling, except as identified in the Joint Technical Document/Report of Facility Information and approved amendments thereto and as approved by the Local Enforcement Agency and other federal, state and local agencies.*

The permittee may accept the following non-hazardous wastes with high liquid content that meet waste acceptance criteria in the RWQCB Waste Discharge Requirements: *Dewatered sludge (containing at least 20 percent solids by weight); Grit and grease from municipal wastewater treatment plants; Holding tank pumpings from food processing facilities; Storm drain cleanings; Dredged sediments.*

The permittee may accept the following wastes that require special handling: *Minimally petroleum-contaminated non-hazardous soil (as defined by the Regional Water Quality Control Board); Non-friable asbestos containing less than one percent friable asbestos content.*

SOLID WASTE FACILITY PERMIT

Facility Number: 21-AA-0001

15. The following documents describe and/or restrict the operation of this facility:

	Date		Date
Joint Technical Document	Feb. 25, 2014	Preliminary Closure and Postclosure Maintenance Plan	May 9, 2014
Waste Discharge Requirements Order No. R2-2009-0053	July 14, 2009	Closure Financial Assurance Documentation	Aug. 29, 2014
BAAQMD Permit to Operate Plant #1179	March 8, 2014	Operating Liability Certification	Dec. 11, 2013
Final Environmental Impact Report (SCH #1991033042)	June 10, 2008	Conditional Use Permit	March 1958
Addendum FEIR (SCH #1991033042) Adoption of Addendum FEIR	Sept. 30, 2013	SWRCB Industrial Activities Storm Water General Permit	May 1, 1997
BAAQMD Authority to Construct (Materials Recovery Facility)	May 24, 2012	Revised Mitigation Monitoring and Reporting Program	May 7, 2013
BAAQMD Authority to Construct (Landfill Gas to Energy Plant)	Nov. 21, 2013	CEQA Findings	Nov. 17, 2008
Army Corps of Engineers Nationwide Permit	Jan. 6. 1995	Complete Application for a SWFP Modification	Feb. 27, 2014
Marin County Haz. Waste and Haz. Materials Mgmt. Permit #60-0355	Jan. 8, 2014	BAAQMD Major Facility Review Permit, Facility #A1179	April 5, 2012

16. Self-Monitoring:

The owner/operator shall submit the results of all self-monitoring programs to the Enforcement Agency within 30 days of the end of the reporting period *(for example, 1st quarter = January – March, the report is due by April 30, etc. Information required on an annual basis shall be submitted with the 4th quarter monitoring report, unless otherwise stated.)*

Where noted, the results need not be sent to the LEA. They shall be retained on the facility's premises for a minimum of three (3) years.

Program	Reporting Frequency
a. The types and quantities of waste received each day (in tons) and separated and recycled or reused material in tons.	Quarterly
b. The number and types of vehicles using the facility per day of operation separated by waste type and other.	Quarterly
c. The quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.	Available Upon Request
d. Logs and reports of all complaints regarding the facility and the operator's actions taken in response to the complaints.	Quarterly
e. The areas of the site that were used for disposal.	Quarterly
f. Logs and reports of all shutdowns other than the closed days specified in this permit. (See condition 17.m.)	Quarterly
g. Logs of special or unusual occurrences and the operator's action(s) taken to correct/resolve the problem/situation. (See condition 17.c.)	As Required
h. Records of the random load checks conducted pursuant to condition 17.n.	Available Upon Request
i. An employee training log with dates of training, course descriptions, etc. shall be maintained and kept current.	Available Upon Request
j. Records of pumping of the on-site septic holding tanks.	Available Upon Request
k. The amounts of leachate applied for dust control.	Available Upon Request
l. Records of quantities and the length of time materials for alternative daily cover, recycling, and construction material, are stored on-site before used or removed.	Available Upon Request
m. The types and quantities of residuals resulting from the on-site processing of recyclable material that are landfilled.	Quarterly
n. The results of the landfill gas decomposition monitoring program.	Quarterly
o. A summary of the monitoring data submitted to the Regional Water Quality Control Board.	Semi-Annually
p. An annual monitor (or audit) report by the independent third party monitor. (See condition 17.q.)	Annually

17. Local Enforcement Agency (LEA) Conditions:

a. This permit supersedes the previous solid waste facility permit, No. 21-AA-0001, issued December 18, 2013.

b. This facility shall comply with all applicable State Minimum Standards for solid waste handling and disposal as specified in Title 27, California Code of Regulations (CCR). The operator shall inspect the site at least once each day of operation for compliance with all applicable standards.

c. The operator shall maintain a log of special/unusual occurrences. This log shall include, but is not limited to, fires, explosions, the discharge and disposition of hazardous or unpermitted wastes, and significant injuries, accidents or property damage. Each log entry shall be accompanied by a summary of any actions taken by the operator to mitigate the occurrence. The log shall be available to site personnel and the LEA at all times.

d. Additional information regarding the facility shall be furnished upon request and within the time frame specified by the LEA.

e. The maximum permitted daily tonnage received for this facility is 2,140 tons per day. The tonnage of concrete, asphalt, clean soil, and minimally petroleum-contaminated materials used for beneficial reuse as defined in 27 CCR Section 20686 will not count towards the maximum daily tonnage limit. This facility shall not receive more than this amount and shall be limited to the amounts and categories as shown on page 1. Any changes to the amounts and categories shall require a revision to this permit.

f. This permit is subject to review by the LEA and may be temporarily suspended or revoked at any time by the LEA for sufficient cause, in accordance with Division 30 of the Public Resource Code, Part 4, Chapter 4, Article 2, Sections 44305 et seq. and associated regulations.

g. The LEA reserves the right to suspend or modify waste receiving, handling and disposal activities when deemed necessary due to an emergency, a potential health hazard, or the creation of a public nuisance.

h. Any change that would cause the design or operation of the facility not to conform to the terms and conditions of this permit is prohibited. Such a change may be considered a change requiring a permit modification or revision. In no case shall the operator implement any change without first submitting a written notice of the proposed change, in the form of an JTD/RDSI amendment application, to the LEA at least 180 days in advance of the plan to implement change.

i. The operator shall maintain copies of the Solid Waste Facility Permit (SWFP) and the JTD/Report of Disposal Site Information (RDSI) at the facility.

j. The operator shall comply with all mitigation and monitoring measures that govern the design and operation of the solid waste facility developed in accordance with any certified environmental documents filed pursuant to Public Resources Code (PRC) Section 21081.6. The LEA, under this permit, will enforce only those mitigation measures of the Revised Mitigation Monitoring and Reporting Program (RMMRP) that the LEA has the authority to enforce under the Public Resources Code, Titles 14 and 27 of the California Code of Regulations, and other applicable regulations.

k. The operator shall comply with all enforcement orders issued by the LEA contained in any of the documents referenced within this permit pursuant to Public Resources Code 21081.6.

l. During the hours of operation for all landfill activities, an attendant or attendants shall be present at all times to supervise the loading and unloading of waste material.

m. The operator shall notify the LEA at least 48 hours prior to scheduled shutdowns and within one hour of unscheduled shutdowns. A log of these shutdowns shall be maintained and available at all times.

n. The operator shall maintain the LEA-approved hazardous/prohibited waste screening/exclusion program at the facility. On-site load checking shall include: inspection of random loads; regular visual inspection of wastes deposited at the facility; training of facility personnel in hazardous and prohibited waste recognition and proper hazardous waste handling procedures; recordkeeping of hazardous and prohibited wastes found. Inspection of random loads by trained personnel shall be conducted on commercial and public loads, a minimum of two loads on two days per week for a total of four loads, two commercial and two public. A record shall be maintained of each random load check with the name of the staff conducting the check, date, time, vehicle owner/operator, license plate or VIN number, any prohibited waste found, and the disposition of the prohibited waste.

SOLID WASTE FACILITY PERMIT	Facility Number: 21-AA-0001
Program	**Reporting Frequency**
q. An annual report indicating the amount of tons and cubic yards of solid waste disposal capacity, including cover material that was used during preceding calendar year, and the number of cubic yards of remaining disposal capacity and map showing the areas with remaining capacity.	Annually

o. The operator shall utilize specific safety procedures and implement health and safety measures as described in the facility JTD/RDSI.

p. An aerial survey of the landfill shall be conducted once per calendar year. A report shall be written on the findings and submitted to the LEA once a year no later than 90 days from the survey date. The findings shall include: the volume and tons of all material in place; the volume and tons of all material placed since the last survey; the remaining capacity in volume and tons at the landfill.

q. An independent third party shall be retained at the facility's expense to monitor the facility's compliance with all conditions of this Solid Waste Facility Permit. The Third Party Monitoring Report shall be submitted to the LEA on an annual basis. The LEA shall have the discretion, within its authority to protect public health and safety and the environment, to eliminate, extend, or otherwise modify this requirement in consideration of the utility of the information generated to the LEA and to the community, the expense to the facility of generating the information, and such other concerns as the LEA may deem relevant.

r. Upon issuance of a separate SWFP for the C&D operation, the entitlement to receive 400 tons per day of recyclable materials under this SWFP will terminate, and the maximum tonnage received at this facility will revert to 1,740 tons per day.

s. The owner/operator shall notify the LEA when the benchmark described in Findings 13.h is met. Such notice shall be provided at least three (3) months prior to utilization of the additional landfill capacity.