SOLID WASTE FACILITY PERMIT

Facility Number:

48-AA-0002

1. Name and Street Address of Facility:	2. Name and Mailing Address of Operator:	3. Name and Mailing Address of Owner:
Recology Hay Road 6426 Hay Road Vacaville, CA 95687	Recology Hay Road, Inc. 6426 Hay Road Vacaville, CA 95687 Contact: Greg Pryor	Recology Hay Road, Inc. 6426 Hay Road Vacaville, CA 95687

4. Specifications:

a. Permitted Operations:

- ☒ Solid Waste Disposal Site
- ☐ Transfer/Processing Facility (MRF)
- ☐ Composting Facility (Green Material)
- ☐ Transformation Facility
- ☐ Other: _____

b. Permitted Hours of Operation: 8:00am-4:00pm Seven days a week except for 4 holidays per year, 24 hours-7days a week Asbestos Containing Waste, Designated Waste - 7:00 am –4:00 pm, Monday - Friday

c. Permitted Maximum Tonnage: 2400 Tons per Day for disposal and 2500 tons of asbestos per month

d. Permitted Traffic Volume: 620 Vehicles per Day Averaged over 7days including Jepson Prairie Organics Composting Facility

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

	Total	Disposal	Transfer/Processing	Composting	Transformation
Permitted Area (in acres)	640 Ac	256 acres	N/A	54 acres- Separate Permit	N/A
Design Capacity (cu. yds)		37,000,000			
Max. Elevation (Ft. MSL)		215 ft.			
Max. Depth (Ft. MSL)		20 ft			
Estimated Closure Year		2050			

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:

Bill Emlen, Director
Solano County Resources Management Department

6. Enforcement Agency Name and Address:

Solano County LEA
Resources Mangement Department
675 Texas Street, Suite 5500
Fairfield, CA 94533

7. Date Received by Cal Recycle: JUN 25 2013

8. Cal Recycle Concurrence Date: JUL 05 2013

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

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12. Legal Description of Facility:

The legal description of this facility is contained in page 2-1 of the Joint Technical Document dated February, 2013.

13. Findings:

a. This permit is consistent with the Solano County Integrated Waste Management Plan, which was approved by Cal Recycle on April 24, 1997. The location of the facility is identified in the Amended Countywide Siting Element approved on July17, 2012, pursuant to Public Resources Code (PRC), Section 50001(a).

b. This permit is consistent with the standards adopted by the Cal Recycle, 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 Dixon Fire Department has determined that the facility is in conformance with applicable fire standards, pursuant to PRC, 44151.

e. A Mitigated Negative Declaration was filed with the State Clearinghouse (SCH #2004032138) and adopted by the Solano County Planning Commission on October 18, 2012. The Mitigated Negative Declaration 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 19, 2012.

f. The operator has made proper notification to and received approval form the Travis Air Force Base and Federal Aviation Administration in conformance with CCR Title 27, Sections 20270 & 21600 (b) (A).

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), liquid, designated, or other wastes requiring special treatment or handling, except as identified in the Report of Facility Information and approved amendments thereto and as approved by the enforcement agency and other federal, state, and local agencies.

a. Scavenging is not permitted.
b. Open burning.
c. Disposal shall occur only in those areas as specified in the most current Joint Technical Document and approved by all regulatory agencies.
d. The handling of of prohibited wastes shall be done by employees who are adequately trained and equiped
e. New operations may not begin without the prior submital of amendments to the February, 2013 Joint Technical Document and any necessary permit revisions or modifications, and/or written approvals from all other regulatory agencies.
f. The handling or disposal of solid wastes may be prohibited in order to protect the public health or the environment.
g. The operator shall not allow standing water on covered fills.
h. Additional prohibitions may be required upon notice from the LEA or Cal Recycle.

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

	Date		Date
Joint Technical Document	February, 2013	Preliminary Closure and Postclosure Maintenance Plan	February, 2013
Central Valley RWQCB Waste Discharge Requirements Order No. R5-2008-0118	Nov. 2008	Closure Financial Assurance Documentation	April 2013
Yolo/Solano APCD Permit to Operate #C-10-07 Title V Permit #F-01059-33	Jan. 2010 Dec. 2008	Operating Liability Certification	April 2013
Initial Study/Mitigated Negative Declaration, Recology Hay Road Land Use Permit Application U-11-09. SCH. #2004032138	Oct. 2012	Land Use and/or Conditional Use Permit U-11-09	Oct. 2012
Solano County Resources Management B&J Landfill Initial Study and Mitigated Negative Declaration SCH # 2001032035	April, 2001	B & J Landfill Master Development Plan, Final EIR, SCH #92063112	April, 1993
Solano County Department of Environmental Management B& J Landfill Modified Master Development Plan, Initial Plan and Negative Declaration SCH# 95093048	Sept. 1995	Solano County Department of Environmental Management - Mitigated Negative Declaration for B & J Dropbox Sanitary Landfill Project - SCH # 91083038	August 1991

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16. Self- Monitoring:

a.	Record a receipt of a Notice of Violation or any other legal enforcement action taken against the facility by any responsible regulatory agency.	Next Business Day
b.	Report all complaints regarding the facility and the operator's actions taken in response to the complaint. Notify the LEA within one day of the action taken. Submit the next business day copies of all written complaints and each operator generated report for a verbal complaint regarding the Facility, and a summary of the operator's actions taken to resolve each complaint.	Next Business Day
c.	Incidents of disposal or spills of hazardous wastes.	24 hours
d.	The types and quantities for disposal of waste, including separated or commingled recyclables, entering the facility per day.	Monthly
e.	The types and quantities of Asbestos, Ash, sludge, and contaminated soils, and Construction and demolition fines, ADC entering the facility per day.	Monthly
f.	The number and types of vehicles using the facility per day for both Hay Road Landfill and Jepson Prairie Organics Composting Facility.	Monthly
g.	Results of the hazardous waste load checking program, including the quantities and types of hazardous wastes, medical wastes or otherwise prohibited wastes found in the waste stream and the disposition of these materials.	Quarterly
h.	Bird Control Program.	Quarterly
i.	Results of Landfill Gas Monitoring Program.	Quarterly
j.	Winter Operations Plan.	Annual due October 1
k.	Fill sequencing plan.	Annual
l.	Remaining site Capacity.	Annual
m.	Hazardous waste load checking & Health & Safety Training program/lists.	Annual
n.	Location of asbestos waste disposal, and total volume and tonnage of asbestos landfilled.	Annual
o.	List the most current responsible personnel of the operation of the landfill. This shall include emergency phone numbers and address for the following: Manager, Security and/or operation supervisors.	Annual
p.	Hazardous Business Plan – Current Inventory -Emergency Plan	Annual Tri-annual
q.	Topographic maps showing all filled areas, borrow areas and quantities of soil in the borrow areas.	Annual
		by the 25th of the following month

17. Enforcement Agency (EA) Conditions:

a. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified inTitle 27, California Code of Regulations.

b. 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.

c. Additional information concerning the design and operation of the facility shall be furnished upon request and within the time frame specified by the LEA.

d. The maximum permitted daily tonnage for this facility is 2400 tons per day for disposal and the landfill shall not receive more than this amount without a revision of this permit. Waste materials utilized for beneficial re-use shall not be counted towards the permitted tonnage limit. The maximum permitted tonnage for asbestos is 2500 tons per month and the landfill shall not receive more than this amount without a revision of this permit.

e. This permit is subject to review by the LEA and may be temporarily suspended, revoked, or revised 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, Section 44305 et seq.

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

g. 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 significant change, requiring a permit 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 RFI amendment, to the LEA at least 180 days in advance of the change.

h. A copy of this permit shall be maintained at the facility and be made available to facility and enforcement agency personnel.

i. The operator shall comply with all State Minimum Standards for solid waste handling and disposal as specified in Title 14, California Code of Regulations.

j. Waste tire storage and disposal shall be done in accordance with CCR Title 14, Section 17350.

k. The acceptance of storage, handling, and disposal, reuse, drying and mixing of bio-solids shall be done in accordance with JTD.

l. The facility is permitted to dispose of designated waste as permitted by the LEA and described in the JTD. These wastes may include contaminated soils and construction waste with adhered paint.

m. Final Closure and Post-closure plans shall be submitted at two years prior to final disposal of waste at the landfill.

n. During 24 hour operation days, waste material placed for disposal shall be covered with an approved cover material on top and side of the landfill at least once every 24 hours.

o. At any time, the LEA shall be provided access to inspect the waste load from any vehicle.

p. A trained attendant shall be present at all times to direct traffic and advise on unloading waste at the active face.

q. The operator shall maintain records lengths and depths of cuts made in natural terrain where fill is placed including the ground water depth.

r. The operator shall continue to monitor for leachate generation. Leachate shall be handled as described in JTD.

s. The operator shall maintain and make available upon request for inspection for the enforcement agency and Cal Recycle, all correspondence and reports provided to other regulatory agencies that have jurisdiction over the design and operation of the facility.

t. Handle and store all recyclable material from the waste stream as described in the approved JTD.

u. To facilitate the attainment of AB939 diversion goals as described in PRC Section 41780, the facility shall:

- Submit as outlined in the Self- Monitoring Program appropriate records of types and quantities of diverted materials including conversion factors for wastes recycled not weighed.
- Handle and store all recyclable materials from the waste stream as described in the approved JTD.

v. Conduct the wood processing area and storage operations as described in the approved JTD. Wood waste can be stored up 70,000 cubic yards. The wood waste shall be removed at least once every 6 months.

w. The handling of asbestos containing waste (ACW) shall be done in accordance with all applicable regulations and Appendix G in the approved JTD. The disposal shall be confined to Disposal Module DM-1.

x. Concrete and asphalt may be diverted form the waste stream and stockpiled as described in the approved JTD. No more than 15,000 cubic yards can be on-site at any one time.

y. Freon containing appliances and universal waste shall be handled as described in the approved JTD. Vehicle batteries, used oil, oil filters shall be segregated from the waste stream, stored separately, and recycled.

z. The operator shall submit a five year permit review application including an updated Joint Technical Document 150 days before the next five year permit review is due.

aa. The operator may not make a significant change in operation or design of the facility that is not authorized by this permit. A permit revision may be required before the significant changes shall be made.

bb. The LEA reserves the right to require additional controls as to adequately manage nuisances resulting from landfill operations.

cc. The operator shall comply with the approved Waste Load Checking Program as described in the approved JTD. Any changes in the program must be approved by the LEA prior to implementation. The operator shall comply with CCR Title 27, Section 20870.

dd. The landfill personnel involved in the waste load checking program shall be trained. Landfill workers shall be re-trained on annual basis.

ee. No more than 3,000 cubic yards of ADC can be stored on the facility near the active face of the landfill.

ff. Fencing around the perimeter of the landfill property shall be adequately maintained as determined by the LEA.

gg. Adequate lighting shall be provided for all work done after daylight hours as described in the JTD.

hh. An adequate water supply for dust control and fire suppression must be available at all times during the operation of the landfill.

ii. At all times there shall be adequate number and type of operable equipment for the operation of the landfill. Information as to location of backup equipment shall be readily available at the site.

jj. The Jepson Prairie Organics composting facility has a permitted acreage of 54 acres of the landfill footprint. The landfill operation in the future will develop this area for landfilling of solid wastes.

kk. A Compliance officer shall be designated to prevent off-site migration of airborne contaminants including a monitoring and record keeping program.

ll. Proposed use of ADC not specified in Section 20690 shall be subject to demonstration project approved by the LEA with concurrence by Cal Recycle.

mm. The operator shall at all times provide adequate staffing to deal effectively with landfill operations as determined by the LEA. Landfill personnel shall be adequately outfitted to ensure health and safety as described in the approved JTD.

nn. This permit supersedes all previous Solid Waste Facilities Permit for this site.