

SW185



February 27, 2013

Scott T. Anderson, Director  
Utah Department of Environmental Quality  
Division of Solid and Hazardous Waste  
P.O. Box 144880  
Salt Lake City, UT 84114-4880

Division of  
Solid and Hazardous Waste

MAR - 4 2013

2013-002209

Subject: PacifiCorp Hunter Plant 2012 Solid Waste Landfill Annual Report

Dear Mr. Anderson

Enclosed is the 2013 Solid Waste Landfill Annual Report for the calendar year 2012, for activities at the PacifiCorp Hunter Plant Industrial Waste Landfill. In the process of preparing the report PacifiCorp found an error in the historic method of calculating the remaining cubic yard capacity and years remaining. PacifiCorp will perform the necessary surveying to determine the remaining cubic yard capacity and years remaining and will resubmit a corrected report by May 31, 2013. PacifiCorp conducted the five year review of the closure/post-closure cost estimate on April 18, 2012. The Financial Assurance is based on the five year review cost estimates multiplied by the solid and hazardous waste multiplier. PacifiCorp is required to file the annual 10-K report to the Securities Exchange Commission by February 28, 2013. Because the information on the 10-K is needed to complete the financial assurance requirement, PacifiCorp will submit the financial assurance section of the report to the Division by March 31, 2013.

If you have any question regarding this report please contact Tyson Ekker Environmental Engineer (435) 748-6274.

Sincerely

Laren Huntsman  
Managing Director, Hunter Power Plant

cc

Tyson Ekker Hunter Plant  
Steve Jensen NTO 330

# LANDFILL ANNUAL REPORT

For Calendar year 2012

MAR - 4 2013

**Administrative Information** (Please enter all the information requested below)

Facility Name: PacifiCorp / Hunter Plant

Facility Mailing Address: PO Box 569  
(Number & Street, Box and/or Route)

City: Castle Dale Zip Code: 84513

County: Emery Permit Number: 0003

**Owner**

Name: PacifiCorp Energy Phone No.: (801)220-4017

Owner Mailing Address: 1407 West North Temple, Rm 310  
(Number & Street, Box and/or Route)

City: Salt Lake City State: Utah Zip Code: 84116

Contact Name: Tyson Ekker Contact Title: Environmental Engineer

Contact's Mailing Address: PO Box 569 Castle Dale, UT 84513

Phone No.: (435)748-6274 Contact's Email Address: Tyson.Ekker@pacificorp.com

**Operator** (Complete this section only if the operator is not an employee of the Owner shown above)

Name: \_\_\_\_\_ Phone No.: \_\_\_\_\_

Owner Mailing Address: \_\_\_\_\_  
(Number & Street, Box and/or Route)

City: \_\_\_\_\_ State: Utah Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Contact Title: \_\_\_\_\_

Contact's Mailing Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Contact's Email Address: \_\_\_\_\_

**Facility Type and Status**

- |                                     |  |                                   |  |
|-------------------------------------|--|-----------------------------------|--|
| <input type="checkbox"/> Class I    | <input checked="" type="checkbox"/> Class IIIb | <input type="checkbox"/> Class V  | <input type="checkbox"/> Facility Closed during the year<br>Date Closed: _____ |
| <input type="checkbox"/> Class II   | <input type="checkbox"/> Class IVa             | <input type="checkbox"/> Class VI |  |
| <input type="checkbox"/> Class IIIa | <input type="checkbox"/> Class IVb             |                                   |  |

**Annual Disposal** (Tons received at the facility for disposal)

Waste Type	Waste Origin		Total	Measurement	
	In-State	Out-of-State		Tons	Cubic Yards
Municipal	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<u>397.10</u>	_____	<u>397.10</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C/D*	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

\*C/D waste includes all waste going to a Class IV or VI landfill cell

**Conversion Factor Used**

- None Used     Site Specific     From Rules    List Site Specific Conversion: \_\_\_\_\_

**Recycling**

Material Recycled: 748.09

Reported in Tons  Cubic Yards

**Utah Disposal Fee**

Disposal fee required to be paid to State Yes  No  (If yes please show fees paid below)

Municipal: \_\_\_\_\_ Industrial: \_\_\_\_\_ C/D: \_\_\_\_\_ Annual: \_\_\_\_\_

Municipal, Industrial and C/D are fees paid by Commercial Facilities. Annual fee is paid by facilities operated by a municipality

**Current Landfill Remaining Capacity**

Tons: 17,438.90 Cubic Yards: 10,034.00 Acre: 9.80 Years: 4.00

Acres Currently Open: 9.80 Acres Currently Closed: 0.00

**Financial Assurance**

Current Closure Cost Estimate: \$828,746.53

Current Post-Closure Cost Estimate: \$1,893,809.63

Current Amount or Balance in Mechanism: \_\_\_\_\_

(If facility permit has been renewed and if balance does not equal or exceed total for closure and post-closure care please contact the Division)

Current Financial Assurance Mechanism: Corporate Financial Test

(ie. Bond, Trust Fund, Corporate or government Test etc.)

Current Financial Assurance Mechanism Holder: See attached financial assurance letter

(ie. Name of Bond Company, Bank etc. Account number)

**Financial Assurance:** Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The inflation factor can be found on the Division web page. Facilities that are using a trust account should include a copy of the most recent account statement.

**Note** Facilities using "Local Government Financial Test" or the "Corporate Financial Test" must provide the information required in R315-309-8(4) or R315-309-9(3) each year.

**Other Reports and Information to be Submitted with Annual Report**

Ground Water Monitoring: Class I and V landfills only. Check if exempt

Explosive Gas Monitoring: Class I, II and V landfills only. Check if exempt

Does the facility have a landfill gas collection system Yes  No

If yes please briefly describe use of gas, e.g., flared or used for electricity generation.

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

**Signature:** 

Date: 2/27/13

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Type Name: Laren Huntsman

Title: Managing Director, Hunter Power Plant

# Annual Disposal Spreadsheet

Hunter Power Plant Industrial Waste Disposal to On-Site Landfill

2012

Number of Loads:	304
Tons Loads Disposed:	397
Est'd Uncompacted Volume (yds):	6,401

Transferred from Hunter Power Plant	# of Loads	Date of Transfer	Total Weight (lbs)	Tare Weight (lbs)	Net Weight (lbs)	Net Weight (tons)	Est'd Uncomp'd Volume (yds)	Comments		
JAN COUNT	36		JANUARY TOTALS		99,790	49.9	737.5			
FEB COUNT	45		FEBRUARY TOTALS		127,080	63.5	1120		Overhaul	
MAR COUNT	72		MARCH TOTALS		166,725	83.4	1576.5		Overhaul	
APR COUNT	33		APRIL TOTALS		68,060	34.0	695			
MAY COUNT	29		MAY TOTALS		72,470	36.2	582.5			
JUN COUNT	12		JUNE TOTALS		26,940	13.5	214.5			
JUL COUNT	15		JULY TOTALS		42,970	21.5	301			
AUG COUNT	10		AUGUST TOTALS		28,110	14.1	160			
SEP COUNT	14		SEPTEMBER TOTALS		49,680	25.0	255			
OCT COUNT	13		OCTOBER TOTALS		32350	16.2	251.5			
NOV COUNT	15		NOVEMBER TOTALS		42900	21.5	303			
DEC COUNT	10		DECEMBER TOTALS		23890	11.9	204			
Grand Total	304				780,965	397.1	6400.5			

Hunter Power Plant Industrial Waste Disposal to On-Site Landfill

2012

Number of Loads:	304
Tons Loads Disposed:	397
Est'd Uncompacted Volume (yds):	6,401

Transferred from Hunter Power Plant	# of Loads	Date of Transfer	Total Weight (lbs)	Tare Weight (lbs)	Net Weight (lbs)	Net Weight (tons)	Est'd Uncomp'd Volume (yds)
<b>JANUARY</b>							
		01/03/12	34,000	33,000	1,000	0.5	18
		01/03/12	35,500	33,000	2,500	1.3	22
		01/03/12	35,000	33,000	2,000	1.0	20
		01/05/12	35,500	33,000	2,500	1.3	25
		01/05/12	35,000	33,000	2,000	1.0	18
		01/05/12	34,000	33,000	1,000	0.5	15
		01/03/12	42,100	35,000	7,100	3.6	10
		01/10/12	45,500	35,000	10,500	5.3	10.5
		01/17/12	40,800	35,000	5,800	2.9	9.5
		01/24/12	43,000	38,000	5,000	2.5	9.5
		01/31/12	41,250	35,000	6,250	3.1	10
		01/10/12	34,500	33,000	1,500	0.8	20
		01/10/12	35,000	33,000	2,000	1.0	20
		01/10/12	34,000	33,000	1,000	0.5	18
		01/10/12	35,100	33,000	2,100	1.1	20
		01/12/12	32,600	32,000	600	0.3	25
		01/12/12	33,720	32,000	1,720	0.9	30
		01/12/12	33,950	32,000	1,950	1.0	30
		01/17/12	34,000	33,000	1,000	0.5	16
		01/17/12	35,500	33,000	2,500	1.3	20
		01/17/12	35,000	33,000	2,000	1.0	15
		01/19/12	36,500	32,000	4,500	2.3	30
		01/19/12	34,700	32,000	2,700	1.4	30
		01/24/12	35,250	33,000	2,250	1.1	20
		01/24/12	35,000	33,000	2,000	1.0	22
		01/24/12	34,100	33,000	1,100	0.6	15
		01/26/12	35,840	33,000	2,840	1.4	30
		01/26/12	36,700	33,000	3,700	1.9	30
		01/26/12	35,620	33,000	2,620	1.3	30
		01/26/12	38,960	33,000	5,960	3.0	30
		01/26/12	34,730	33,000	1,730	0.9	20
		01/26/12	35,200	33,000	2,200	1.1	30
		01/31/12	35,050	33,000	2,050	1.0	14
		01/31/12	34,000	33,000	1,000	0.5	14
		01/31/12	35,000	33,000	2,000	1.0	26
		01/31/12	34,120	33,000	1,120	0.6	15
<b>JAN COUNT</b>	<b>36</b>	<b>JANUARY TOTALS</b>			<b>99,790</b>	<b>49.9</b>	<b>737.5</b>
<b>FEBRUARY</b>							
		02/07/12	40,900	35,000	5,900	3.0	9.5
		02/21/12	41,900	37,000	4,900	2.5	9
		02/13/12	46,350	37,350	9,000	4.5	10.5



		03/12/12	35,000	33,000	2,000	1.0	26
		03/09/12	34,110	33,000	1,110	0.6	25
		03/09/12	36,100	33,000	3,100	1.6	25
		03/09/12	36,500	33,000	3,500	1.8	25
		03/09/12	35,710	33,000	2,710	1.4	25
		03/14/12	36,700	33,000	3,700	1.9	25
		03/06/12	35,300	33,000	2,300	1.2	25
		03/06/12	37,280	33,000	4,280	2.1	25
		03/06/12	35,950	33,000	2,950	1.5	25
		03/06/12	36,210	33,000	3,210	1.6	25
		03/05/12	36,000	33,000	3,000	1.5	26
		03/05/12	35,000	33,000	2,000	1.0	24
		03/07/12	35,450	33,000	2,450	1.2	20
		03/08/12	34,200	33,000	1,200	0.6	18
		03/08/12	40,300	38,240	2,060	1.0	13
		03/06/12	46,250	37,000	9,250	4.6	10
		03/01/12	36,000	33,000	3,000	1.5	20
		03/01/12	35,000	33,000	2,000	1.0	26
		03/02/12	34,250	33,000	1,250	0.6	20
		03/02/12	35,000	33,000	2,000	1.0	26
		03/29/12	35,000	33,000	2,000	1.0	20
		03/30/12	35,780	33,000	2,780	1.4	25
		03/30/12	35,920	33,000	2,920	1.5	25
		03/30/12	36,750	33,000	3,750	1.9	25
		03/23/12	34,710	33,000	1,710	0.9	25
		03/23/12	34,260	33,000	1,260	0.6	25
		03/21/12	35,000	33,000	2,000	1.0	26
		03/21/12	34,500	33,000	1,500	0.8	20
		03/21/12	34,000	33,000	1,000	0.5	15
		03/21/12	35,200	33,000	2,200	1.1	26
		03/21/12	35,000	33,000	2,000	1.0	26
		03/21/12	35,000	33,000	2,000	1.0	26
		03/20/12	35,000	33,000	2,000	1.0	26
		03/20/12	35,000	33,000	2,000	1.0	26
		03/20/12	34,000	33,000	1,000	0.5	15
		03/22/12	38,360	35,180	3,180	1.6	13
		03/15/12	41,060	38,500	2,560	1.3	13
		03/15/12	35,250	33,000	2,250	1.1	25
		03/15/12	35,970	33,000	2,970	1.5	25
		03/15/12	36,410	33,000	3,410	1.7	30
		03/16/12	33,950	33,000	950	0.5	14
		03/16/12	34,000	33,000	1,000	0.5	15
		03/16/12	34,275	33,000	1,275	0.6	20
		03/19/12	36,750	33,000	3,750	1.9	30
		03/19/12	34,330	33,000	1,330	0.7	30
		03/19/12	36,400	33,000	3,400	1.7	30
		03/19/12	35,240	33,000	2,240	1.1	30
		03/27/12	40,100	37,000	3,100	1.6	9
		03/20/12	40,050	37,000	3,050	1.5	9.5
		03/29/12	36,600	35,120	1,480	0.7	6.5
		03/26/12	34,000	33,000	1,000	0.5	18
		03/26/12	34,000	33,000	1,000	0.5	18
		03/26/12	35,150	33,000	2,150	1.1	20
		03/26/12	35,000	33,000	2,000	1.0	26
		03/26/12	36,000	33,000	3,000	1.5	26



		03/27/12	36,140	33,000	3,140	1.6	25
		03/27/12	35,110	33,000	2,110	1.1	20
		03/28/12	36,740	33,000	3,740	1.9	30
		03/22/12	35,100	33,000	2,100	1.1	26
		03/22/12	35,000	33,000	2,000	1.0	26
		03/22/12	35,000	33,000	2,000	1.0	18
		03/22/12	35,000	33,000	2,000	1.0	26
		03/22/12	34,100	33,000	1,100	0.6	20
		03/22/12	35,200	33,000	2,200	1.1	20
		03/20/12	40,050	37,000	3,050	1.5	9.5
<b>MAR COUNT</b>	<b>72</b>	<b>MARCH TOTALS</b>			<b>166,725</b>	<b>83.4</b>	<b>1576.5</b>

		<b>APRIL</b>					
		04/10/12	40,020	37,000	3,020	1.5	8
		04/17/12	40,300	35,000	5,300	2.7	10
		04/03/12	42,000	37,000	5,000	2.5	8.5
		04/02/12	34,180	33,000	1,180	0.6	20
		04/04/12	35,640	33,000	2,640	1.3	25
		04/04/12	33,820	32,750	1,070	0.5	15
		04/04/12	34,200	33,000	1,200	0.6	25
		04/04/12	36,450	33,000	3,450	1.7	30
		04/04/12	35,910	33,000	2,910	1.5	25
		04/04/12	36,270	33,000	3,270	1.6	30
		04/04/12	35,750	33,000	2,750	1.4	25
		04/04/12	35,420	33,000	2,420	1.2	25
		04/05/12	39,800	38,360	1,440	0.7	6.5
		04/06/12	35,460	33,000	2,460	1.2	30
		04/09/12	34,000	33,000	1,000	0.5	15
		04/12/12	35,000	33,000	2,000	1.0	18
		04/12/12	34,000	33,000	1,000	0.5	20
		04/12/12	34,000	33,000	1,000	0.5	26
		04/12/12	36,000	33,000	3,000	1.5	22
		04/12/12	35,000	33,000	2,000	1.0	24
		04/12/12	34,500	33,000	1,500	0.8	26
		04/17/12	33,950	33,000	950	0.5	20
		04/17/12	35,000	33,000	2,000	1.0	20
		04/17/12	34,000	33,000	1,000	0.5	25
		04/19/12	35,000	33,000	2,000	1.0	22
		04/19/12	34,500	33,000	1,500	0.8	20
		04/19/12	35,000	33,000	2,000	1.0	25
		04/19/12	34,000	33,000	1,000	0.5	15
		04/24/12	35,000	33,000	2,000	1.0	24
		04/24/12	34,000	33,000	1,000	0.5	20
		04/26/12	35,000	33,000	2,000	1.0	26
		04/26/12	34,000	33,000	1,000	0.5	18
		04/26/12	35,000	33,000	2,000	1.0	26
<b>APR COUNT</b>	<b>33</b>	<b>APRIL TOTALS</b>			<b>68,060</b>	<b>34.0</b>	<b>695</b>

		<b>MAY</b>					
		05/08/12	41,700	35,000	6,700	3.4	9
		05/01/12	41,750	37,000	4,750	2.4	26
		05/15/12	41,500	37,000	4,500	2.3	9
		05/22/12	41,250	37,000	4,250	2.1	8.5
		05/29/12	41,800	38,500	3,300	1.7	20
		05/10/12	35,000	33,000	2,000	1.0	20

		05/10/12	34,850	33,000	1,850	0.9	20
		05/10/12	35,200	33,000	2,200	1.1	26
		05/08/12	35,000	33,000	2,000	1.0	20
		05/08/12	36,000	33,000	3,000	1.5	26
		05/08/12	34,500	33,000	1,500	0.8	24
		05/08/12	35,000	33,000	2,000	1.0	20
		05/08/12	35,000	33,000	2,000	1.0	26
		05/08/12	33,800	33,000	800	0.4	20
		05/15/12	33,700	33,000	700	0.4	24
		05/15/12	35,320	33,000	2,320	1.2	20
		05/15/12	34,100	33,000	1,100	0.6	18
		05/15/12	35,000	33,000	2,000	1.0	26
		05/01/12	34,750	33,000	1,750	0.9	25
		05/17/12	36,000	33,000	3,000	1.5	24
		05/03/12	34,520	33,000	1,520	0.8	20
		05/03/12	34,150	33,000	1,150	0.6	15
		05/03/12	35,400	33,000	2,400	1.2	26
		05/22/12	35,180	33,000	2,180	1.1	19
		05/24/12	36,000	33,000	3,000	1.5	23
		05/24/12	37,000	33,000	4,000	2.0	20
		05/24/12	36,000	33,000	3,000	1.5	20
		05/24/12	36,000	33,000	3,000	1.5	18
		05/31/12	33,500	33,000	500	0.3	10
<b>MAY COUNT</b>	<b>29</b>	<b>MAY TOTALS</b>			<b>72,470</b>	<b>36.2</b>	<b>582.5</b>

JUNE							
		06/05/12	41,320	37,000	4,320	2.2	9
		06/12/12	38,750	35,000	3,750	1.9	8.5
		06/26/12	41,300	38,240	3,060	1.5	10
		06/19/12	35,450	33,000	2,450	1.2	30
		06/19/12	34,100	33,000	1,100	0.6	20
		06/19/12	34,710	33,000	1,710	0.9	25
		06/12/12	35,000	33,000	2,000	1.0	18
		06/12/12	34,000	33,000	1,000	0.5	20
		06/05/12	35,850	33,000	2,850	1.4	20
		06/19/12	39,350	37,000	2,350	1.2	8
		06/26/12	34,250	33,000	1,250	0.6	20
		06/26/12	34,100	33,000	1,100	0.6	26
<b>JUN COUNT</b>	<b>12</b>	<b>JUNE TOTALS</b>			<b>26,940</b>	<b>13.5</b>	<b>214.5</b>

JULY							
		07/03/12	40,100	35,000	5,100	2.6	9.5
		07/03/12	35,780	33,000	2,780	1.4	30
		07/03/12	36,910	33,000	3,910	2.0	25
		07/10/12	34,000	33,000	1,000	0.5	26
		07/10/12	35,000	33,000	2,000	1.0	20
		07/10/12	40,050	37,000	3,050	1.5	9
		07/17/12	36,200	33,000	3,200	1.6	30
		07/18/12	35,710	33,000	2,710	1.4	25
		07/17/12	41,170	37,000	4,170	2.1	8.5
		07/24/12	41,200	37,000	4,200	2.1	9
		07/24/12	35,120	33,000	2,120	1.1	25
		07/24/12	35,760	33,000	2,760	1.4	30
		07/31/12	40,400	37,000	3,400	1.7	9
		07/31/12	34,450	33,000	1,450	0.7	25
		07/31/12	34,120	33,000	1,120	0.6	20

<b>JUL COUNT</b>	<b>15</b>	<b>JULY TOTALS</b>		<b>42,970</b>	<b>21.5</b>	<b>301</b>	
<b>AUGUST</b>							
		08/07/12	40,300	37,000	3,300	1.7	9
		08/07/12	34,000	33,000	1,000	0.5	18
		08/14/12	41,100	37,000	4,100	2.1	9.5
		08/14/12	34,160	33,000	1,160	0.6	25
		08/21/12	41,050	37,000	4,050	2.0	10.5
		08/21/12	34,500	33,000	1,500	0.8	28
		08/28/12	41,500	37,000	4,500	2.3	10
		08/28/12	32,500	30,000	2,500	1.3	10
		08/28/12	35,000	30,000	5,000	2.5	30
		08/28/12	31,000	30,000	1,000	0.5	10
<b>AUG COUNT</b>	<b>10</b>	<b>AUGUST TOTALS</b>		<b>28,110</b>	<b>14.1</b>	<b>160</b>	
<b>SEPTEMBER</b>							
		09/04/12	39,700	37,000	2,700	1.4	9
		09/04/12	33,000	30,000	3,000	1.4	15
		09/04/12	32,000	30,000	2,000	1.4	15
		09/11/12	41,050	37,000	4,050	2.0	10
		09/11/12	40,000	30,000	10,000	5.0	35
		09/11/12	35,000	30,000	5,000	2.5	30
		09/11/12	34,000	30,000	4,000	2.0	20
		09/13/12	38,150	35,000	3,150	1.6	10
		09/18/12	34,900	33,000	1,900	1.0	25
		09/18/12	35,150	33,000	2,150	1.1	25
		09/18/12	34,710	33,000	1,710	0.9	25
		09/18/12	39,600	35,000	4,600	2.3	8
		09/25/12	38,500	35,000	3,500	1.8	8
		09/25/12	34,920	33,000	1,920	1.0	20
<b>SEP COUNT</b>	<b>14</b>	<b>SEPTEMBER TOTALS</b>		<b>49,680</b>	<b>25.0</b>	<b>255</b>	
<b>OCTOBER</b>							
		10/02/12	41,400	37,000	4,400	2.2	9
		10/02/12	35,120	33,000	2,120	1.1	30
		10/02/12	35,710	33,000	2,710	1.4	30
		10/09/12	40,100	37,000	3,100	1.6	9.5
		10/09/12	34,000	33,000	1,000	0.5	20
		10/09/12	35,100	33,000	2,100	1.1	26
		10/09/12	34,100	33,000	1,100	0.6	26
		10/16/12	40,750	38,450	2,300	1.2	10
		10/23/12	41,000	37,000	4,000	2.0	10.5
		10/23/12	34,500	33,000	1,500	0.8	20
		10/23/12	33,950	33,000	950	0.5	20
		10/30/12	42,100	37,000	5,100	2.6	10.5
		10/30/12	34,970	33,000	1,970	1.0	30
<b>OCT COUNT</b>	<b>13</b>	<b>OCTOBER TOTALS</b>		<b>32350</b>	<b>16.2</b>	<b>251.5</b>	
<b>NOVEMBER</b>							
		11/06/12	37,050	35,000	2,050	1.0	9.5
		11/06/12	33,500	33,000	500	0.3	24
		11/06/12	34,000	33,000	1,000	0.5	26
		11/06/12	35,000	33,000	2,000	1.0	26
		11/08/12	34,000	33,000	1,000	0.5	19

		11/13/12	44,000	35,000	9,000	4.5	10
		11/13/12	35,230	33,000	2,230	1.1	20
		11/13/12	35,100	33,000	2,100	1.1	20
		11/20/12	38,900	35,000	3,900	2.0	9.5
		11/20/12	35,230	33,000	2,230	1.1	30
		11/27/12	39,750	37,000	2,750	1.4	9
		11/27/12	34,950	33,000	1,950	1.0	20
		11/27/12	35,710	33,000	2,710	1.4	25
		11/27/12	38,200	33,000	5,200	2.6	30
		11/27/12	37,280	33,000	4,280	2.1	25
<b>NOV COUNT</b>	<b>15</b>	<b>NOVEMBER TOTALS</b>			<b>42900</b>	<b>21.5</b>	<b>303</b>
<b>DECEMBER</b>							
		12/04/12	41,100	37,000	4,100	2.1	10
		12/04/12	34,000	33,000	1,000	0.5	26
		12/04/12	33,900	33,000	900	0.5	24
		12/11/12	42,750	38,210	4,540	2.3	10
		12/11/12	34,500	33,000	1,500	0.8	23
		12/11/12	35,000	33,000	2,000	1.0	26
		12/18/12	43,350	37,000	6,350	3.2	10
		12/18/12	34,000	33,000	1,000	0.5	25
		12/26/12	34,000	33,000	1,000	0.5	26
		12/26/12	34,500	33,000	1,500	0.8	24
<b>DEC COUNT</b>	<b>10</b>	<b>DECEMBER TOTALS</b>			<b>23890</b>	<b>11.9</b>	<b>204</b>
<b>Grand Total</b>	<b>304</b>				<b>780,965</b>	<b>397.1</b>	<b>6400.5</b>

# Training Records



**HUNTER PLANT**

**2 Miles South on Utah Highway 10 of Castle Dale, UT -- P.O. Box 569 -- Castle Dale, UT 84513**

Memo to File

February 4, 2013

From: Tyson Ekker, Hunter Plant Environmental Engineer

Subject: Environmental Training for 2012

The environmental training for 2012 was conducted at Hunter Plant for all employees. Approximately 230 PacifiCorp and 20 Ashworth contract employees attended training sessions conducted by Travis Larsen, and Computer Based Training (CBT). Landfill operations were covered, including materials that can and cannot be disposed in the landfill, and how the disposed materials are to be accounted for. Also discussed was the requirement to compact and cover all waste materials each day. Additional topics covered during the training sessions include General and Hazardous Waste Management, Recycling and Waste Minimization, Storm water Pollution, Fugitive Dust Control, and Spill Prevention Control and Countermeasures. Records of the training are kept in the Plant training supervisor's and /or environmental engineer's files.

# Closure and Post Closure Estimates

Hunter Industrial Landfill  
 Landfill Closure Cost Estimate Worksheet  
 February 6, 2013

Item	Unit	Cost/Unit	No. Units	Total Cost*	References
1.0 Engineering					
1.1 Topographic Survey	Lump	\$7,633	1	\$7,632.53	(2),(3)
1.2 Boundary Survey for Closure	Lump	\$2,035	1	\$2,035.34	(2),(3)
1.3 Site Evaluation	Lump	\$5,572	1	\$5,571.74	(2),(3)
1.4 Development of Plans	Lump	\$11,576	1	\$11,576.00	(2),(3)
1.5 Contract Administration Bidding and Award	Lump	\$7,734	1	\$7,734.29	(3)
1.6 Administrative Costs/Certification of Final Cover and Closure Notice	Lump	\$3,460	1	\$3,460.08	(3)
1.7 Project Management; Construction Observation and Testing	Lump	\$30,785	1	\$30,784.52	(3)
1.8 Monitor Well Consultant Cost				N/A	(1)
1.9 Other Environmental Permit Costs				\$3,053.01	(2),(3)
<b>Subtotal</b>				<b>\$71,847.50</b>	
<b>10 % Contingency</b>				<b>\$7,184.75</b>	
<b>Engineering Total</b>				<b>\$79,032.25</b>	

Item	Unit	Cost/Unit	No. Units	Total Cost	References
2.0 Construction					
2.1 Final Cover System					
2.1.1 Completion of Sidewall Liner				N/A	(1)
2.1.1a Soil Placement				N/A	(1)
2.1.1b Soil Processing				N/A	(1)
2.1.1c Soil Amendment				N/A	(1)
2.1.1d Soil Purchase				N/A	(1)
2.1.1e Soil Transportation				N/A	(1)
2.1.2 Drainage Layer on Sidewall				N/A	(1)
2.1.2a Geotextile Filter Fabric				N/A	(1)
2.1.2b Geonet/Geotextile Composite				N/A	(1)
2.1.2c Geomembrane Sidewall Liner				N/A	(1)
2.2 Completion of Top Cover					
2.2.1 Infiltration & Vegetation Layer (30")				\$0.00	
2.2.1a Site sub-Grading and Drainage (Dozer)	HR	\$178.09	80	\$14,247.38	(3)
2.2.1b(1) Soil Placement (Spread/Scraper)	HR	\$193.36	145	\$28,036.81	(3)
2.2.1b(2) Soil Placement (Spread/Dozer)	HR	\$178.09	145	\$25,823.38	(3)
2.2.1c Soil Processing (Compaction )	LCY	\$0.76	52180	\$39,826.52	(3)
2.2.1d Soil Amendment (Compost)	TON	\$1,017.67	14.7	\$14,959.75	(3)
2.2.1e Soil Purchase (Delivered Cost)	BCY	\$8.60	43483	\$373,923.86	(3)
2.2.1f Transportation (Hay Mulch)	TON	\$2.17	1900	\$4,118.51	(3)
2.3 Revegetation					
2.3.1 Seeding	ACRE	\$5,088.35	9.8	\$49,865.83	(2),(3)
2.4 Site Fencing and Security				N/A	(1)
<b>Subtotal</b>				<b>\$550,802.03</b>	
<b>10% Contingency</b>				<b>\$55,080.20</b>	
<b>Construction Total</b>				<b>\$605,882.23</b>	

Item	Unit	Cost/Unit	No. Units	Total Cost	References
3.0 Gas Collection System					
3.1 System Design				N/A	(1)
3.2 Equipment and Installation				N/A	(1)
<b>Subtotal</b>				<b>\$0.00</b>	
<b>10% Contingency</b>				<b>\$0.00</b>	
<b>Gas Collection Total</b>				<b>\$0.00</b>	

Item	Unit	Cost/Unit	No. Units	Total Cost	References
4.0 Monitor Well Installation Cost					
4.1 Monitoring Well Installation				N/A	(1)
4.2 Piezometer and Monitor Well Plugging				N/A	(1)
<b>Subtotal</b>				<b>\$0.00</b>	
<b>10% Contingency</b>				<b>\$0.00</b>	
<b>Ground Water Installation Total</b>				<b>\$0.00</b>	

Calculation of Total Closure Costs

Engineering Total:	\$79,032.25	
Construction Total:	\$605,882.23	
Gas Collection Total:	\$0.00	
Ground Water Total:	\$0.00	
10% Contract Performance Bond:	\$68,491.45	(4)
<b>SUBTOTAL:</b>	<b>\$753,405.94</b>	
Legal Fees (10% Of Subtotal):	\$75,340.59	(5)
<b>TOTAL CLOSURE COSTS:</b>	<b>\$828,746.53</b>	

Reference Descriptions

- (1) Not Applicable for Class IIIb landfills.
  - (2) Engineering estimates based on similar projects.
  - (3) Engineering estimates based on additional information and assumptions (See Attachment #1).
  - (4) Contract performance bond includes, bond, insurance, taxes, etc.
  - (5) Utah DSHW guidance recommends estimating up to 25% of total costs for legal fees.
- \*Calculations based on April 18,2012 five year review of closure and post closure cost estimates multiplied by DSHW cost estimate multiplier of 1.01767



Hunter Industrial Landfill  
 Landfill Post-Closure Care Cost Estimate Worksheet  
 February 6, 2013

Item	Unit	Cost/Unit	No. Units	Total Cost*	References
1.0 Engineering Costs					
1.1 Post-Closure Plan	Lump	\$6,233.23	1	\$6,233.23	(3)
1.2 Site Inspection and Record keeping (annual)	Lump/Year	\$2,579.79	30	\$127,619.71	(2),(3)
1.3 Correctional Plans and Specifications (annual)	Lump/Year	\$1,526.51	30	\$75,514.62	(2),(3)
1.4 Site Monitoring				N/A	
1.4.1 Ground Water Monitoring				N/A	
1.4.1a Ground Water Sample Collection				N/A	(1)
1.4.1b Ground Water Sample Analysis				N/A	(1)
1.4.1c Ground Water Sample Analysis Review and Reporting				N/A	(1)
1.4.2 Landfill Gas Monitoring					
1.4.2a Gas Monitoring Data Collection				N/A	(1)
1.4.2b Gas Monitoring Data Review and Reporting				N/A	(1)
2.0 Maintenance Costs					
2.1 Cover Maintenance Costs					
2.1.1 Soil Replacement	Lump/Year	\$6,791.93	30	\$335,989.73	(3)
2.1.2 Vegetation Reseeding	Lump/Year	\$4,986.58	30	\$246,681.10	(3)
2.2 Equipment Maintenance					
2.2.1 Ground Water well Maintenance and Repair				N/A	(1)
2.2.2 Gas Collection System Operation				N/A	(1)
2.2.3 Gas Collection System Maintenance and Repair				N/A	(1)
2.2.4 Leachate Collection System Operation				N/A	(1)
2.2.5 Leachate Collection System Repair and Maintenance				N/A	(1)
3.0 Leachate Disposal				N/A	(1)
4.0 Site Maintenance					
4.1 Repair of Surface Water Diversion Structures	Lump/Year	\$1,526.51	30	\$75,514.62	(2),(3)
4.2 Repair of Fences and Gates	Lump/Year	\$1,017.67	30	\$50,343.08	(2),(3)
4.3 Other Site Maintenance	Lump/Year	\$1,017.67	30	\$50,343.08	(2),(3)
<b>Subtotal</b>		<b>\$25,679.88</b>		<b>\$968,239.18</b>	
<b>10% Contingency</b>		<b>\$2,567.99</b>		<b>\$96,823.92</b>	
<b>Post-Closure Care Total</b>		<b>\$28,247.87</b>		<b>\$1,065,063.10</b>	

**Total Closure and Post-Closure Costs**

Total Closure Costs:	\$828,746.53
Total Post-Closure Care Costs:	\$1,065,063.10
<b>Total Cost:</b>	<b>\$1,893,809.63</b>

**Reference Descriptions**

- (1) Note Applicable for Class IIIb landfills.
- (2) Engineering estimates based on similar projects.
- (3) Based on additional information and assumptions (See Attachment #1).

\*Calculations based on April 18,2012 five year review of closure and post closure cost estimates multiplied by DSHW cost estimate multiplier of 1.01767