MSW, INDUSTRIAL OR ASH LANDFILL ANNUAL/QUARTERLY REPORT

Submit the Annual Report no later than March 1, 2023.

A. ☒ This annual report is for the year of operation from January 01, 2022 to December 31, 2022

B. Quarterly Report for: ☐ Quarter 1 ☐ Quarter 2 ☐ Quarter 3 ☐ Quarter 4

SECTION 1 – FACILITY INFORMATION

FACILITY INFORMATION

FACILITY NAME:			
Oswego County Bristol Hill Landfill			
FACILITY LOCATION ADDRESS:	**FACILITY CITY:**	**STATE:**	**ZIP CODE:**
3125 NYS-3	Fulton	NY	13069
FACILITY TOWN:	**FACILITY COUNTY:**	**FACILITY PHONE NUMBER:**	
Volney	Oswego	315-591-9200	
FACILITY NYS PLANNING UNIT: (A list of NYS Planning Units can be found at the end of this report): Oswego County		**NYSDEC REGION #:** 7	
360 PERMIT #:	**DATE ISSUED:**	**DATE EXPIRES:**	**NYS DEC ACTIVITY CODE OR REGISTRATION NUMBER:**
7-3558-00012/00013	4-4-2017	4-3-2027	38514
FACILITY CONTACT:	☐ public ☒ private	**CONTACT PHONE NUMBER:**	**CONTACT FAX NUMBER:**
Michael Lutestanski		315-591-9200	315-591-9203
CONTACT EMAIL ADDRESS: michael.lutestanski@oswegocounty.com			

OWNER INFORMATION

OWNER NAME:	OWNER PHONE NUMBER:	OWNER FAX NUMBER:	
Oswego County Dept of Solid Waste	315-591-9200	315-591-9203	
OWNER ADDRESS:	**OWNER CITY:**	**STATE:**	**ZIP CODE:**
3125 nys-3	Fulton	NY	13069
OWNER CONTACT:	**OWNER CONTACT EMAIL ADDRESS:**		
Michael Lutestanski	michael.lutestanski@oswegocounty.com		

OPERATOR INFORMATION

OPERATOR NAME: ■ same as owner ☐ public ☐ private

PREFERENCES

Preferred address to receive correspondence: ☐ *Other (provide):*	☐ *Facility location address*	☒ *Owner address*
Preferred email address: ☐ *Other (provide):*	☐ *Facility Contact*	☒ *Owner Contact*
Preferred individual to receive correspondence: ☐ *Other (provide):*	☐ *Facility Contact*	☒ *Owner Contact*

Did you operate in 2022? ☒ Yes; Complete this form.

☐ No: Complete and submit Sections 1 and 23. If you no longer plan to operate and wish to relinquish your permit/registration associated with this solid waste management activity, also complete the "Inactive Solid Waste Management Facility or Activity Notification Form" located at: http://www.dec.ny.gov/chemical/52706.html

SECTION 2 - SITE LIFE

1. Landfill Capacity Utilized Last Year (reporting year).

   a. What is the estimated landfill capacity that was utilized during the reporting year?

   74,032.3 Cubic Yards of Airspace

   b. What is the estimated in-situ waste density for the reporting year?

   Please do not report units as pounds per cubic yard.

   1.0 Tons/Cubic Yard

2. Remaining Constructed Capacity

   a. What is the remaining capacity of the landfill that is already constructed?

   353,291 Cubic Yards of Airspace

   b. What is the estimated remaining life of the constructed capacity?

   4 Years 9 Months

   at 74,056 Tons/Year.*

   *Please note that this tonnage rate must include all materials placed in the landfill, i.e., waste, soil, cover, alternative daily covers, etc.

   c. The tonnage rate reported under 2.b. is based on (select one):

   _____ The amount of materials placed in the landfill in the reporting year

   x Estimated future disposal

   _____ Permit limit

   Other (explain): 10 year average from finacial assurance report

3. Permitted Capacity Still to be Constructed

   a. What is the remaining but not yet constructed landfill capacity that is authorized by a Part 360 permit?

   1,900,000 Cubic Yards of Airspace

   b. What is the projected life of capacity reported in 3.a?

   25 Years 6 Months

   at 74,056 Tons/Year.*

   Please note that this tonnage rate must include all materials disposed in the landfill, i.e., waste, soil and alternative daily covers.

   c. The tonnage rate reported under 3.b. is based on (select one):

   _____ The amount of materials placed in the landfill in the reporting year

   x Estimated future disposal

   _____ Permit limit

   Other (explain):

   10 year average from financial assurance report

i. Capacity Proposed in a Part 360 Permit Application

What is the capacity of any expansion proposed in a Part 360 permit application that has been submitted to the Department but not authorized by a permit as of the end of the reporting period?

n/a _____ Cubic Yards of Airspace

ii. Estimated Potential Future Capacity Not Permitted or in an Application (optional)

What is the estimated capacity of any potential future expansion at the facility that is not yet authorized by a permit or proposed in a Part 360 permit application that has been submitted to the Department?

n/a _____ Cubic Yards of Airspace

SECTION 3 - PRIMARY LEACHATE

Name of off-site leachate treatment facility(s) utilized: City of Oswego WWTP

Does the landfill have a constructed liner and a leachate collection system? X Yes ___ No

Enter the quantity of primary leachate that was collected, removed for on-site and off-site treatment, and recirculated each month, and the corresponding **Acreage, by Cell**: (Note: For double-lined landfills this should not include the volume of leachate collected from secondary leachate collection and removal systems.)

For **each cell**, please report the **acreage** and the **primary leachate** amount.

	PRIMARY LEACHATE COLLECTED (GALLONS)						PRIMARY LEACHATE TREATED OFF SITE (GALLONS)					
	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres
January	See	Annexed	Leachate	Disposal	Charts							
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
ANNUAL												

	PRIMARY LEACHATE RECIRCULATED (GALLONS)						PRIMARY LEACHATE TREATED ON SITE (GALLONS)					
	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres
January												
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
ANNUAL												

2022
Leachate Disposal By Site By Month

Bristol Hill	Fulton	Oswego	Watertown	2021 Total Gallons
January		1,638,000		1,638,000
February		1,311,000		1,311,000
March		1,836,000		1,836,000
1st Quarter Totals	**0**	**4,785,000**	**0**	**4,785,000**
April		1,503,000		1,503,000
May		1,431,000		1,431,000
June		1,812,000		1,812,000
2nd Quarter Totals	**0**	**4,746,000**	**0**	**4,746,000**
July		1,056,000		1,056,000
August		1,491,000		1,491,000
September		867,000		867,000
3rd Quarter Totals	**0**	**3,414,000**	**0**	**3,414,000**
October		990,000		990,000
November		729,000		729,000
December		969,000		969,000
4th Quarter Totals	**0**	**2,688,000**	**0**	**2,688,000**
Total Gallons	**0**	**15,633,000**		**15,633,000**
Gals over 12.5M		**3,133,000**		
$0.02 per gal	**$0.00**	**$62,660.00**		
Total cost	**$0.00**	**$62,660.00**	**$0.00**	**$62,660.00**
Fulton cost per gallon : $0.025		Fulton cost per gallon over 10 million: $.02		
Oswego cost per gallon: $0.020		Watertown cost per gallon: $0.03 ($.055 after 7-1-17)		
No Oswego Charge until 12.5M Gal per Intermunicipal Agreement				

Silk Road	Fulton	Oswego	Watertown	2021 Total Gallons
January				
February				
March				
1st Quarter Totals	**0**	**0**	**0**	**0**
April				
May				
June				
2nd Quarter Totals	**0**	**0**	**0**	**0**
July				
August				
September				
3rd Quarter Totals	**0**	**0**	**0**	**0**
October				
November	180,000			
December				
4th Quarter Totals	**180,000**	**0**	**0**	**180,000**
Total Gallons	**180,000**	**0**	**0**	**180,000**
Cost	**$4,500.00**	**$0.00**	**$0.00**	**$4,500.00**

Year End	Fulton	Oswego	Watertown	Grand Totals
2021 Gallons	180,000	15,633,000	0	15,813,000
2021 Total Cost	$4,500.00	$62,660.00	$0.00	$67,160.00

Submit (attached to this form) a copy of the maintenance logs which document compliance with the Operation and Maintenance Manual's schedule for the routine annual flushing and inspection of the primary leachate collection and removal system. List required submissions that have been attached to this form or the reason for not attaching a required piece of information:

Please see annexed maintenace logs for annual flushing

Submit (attached to this form) a tabulated compilation of the semi-annual primary leachate quality data collected throughout the year including a summary comparing this year's data with the previous year's data and a summary discussion of results. This list should identify sample location(s) and method of analysis. List required submissions that have been attached to this form or the reason for not attaching a required piece of information:

Please see Environmental Monitoring Plan Results and Analysis submitted under seperate cover

SECTION 4 - SECONDARY LEACHATE

Does landfill have a double liner system with a secondary leachate collection and removal system? (•) Yes ( ) No

Submit (attached to this form) a tabulated compilation of the semi-annual secondary leachate quality data collected throughout the year including a summary comparing this year's data with all previous years' data and a summary discussion of results. This list should identify sample location(s) and methods of analysis. List required submissions that have been attached to this form or the reason for not attaching a required piece of information:

Please see annexed tabulated data from Cell 4 Secondary.

Please report total cost for the year, not cost/gal.

Leachate Cost: (including transportation if appropriate) during the calendar year for leachate treatment: $62,660.00

Total quantity treated: 18,633,000 gal

Enter the quantity of secondary leachate that was collected, removed for on-site and off-site treatment, and recirculated each month, and the corresponding **Acreage, by Cell**

For **each cell**, please report the **acreage** and the **secondary leachate** amount.

	SECONDARY LEACHATE COLLECTED (GALLONS)						SECONDARY LEACHATE TREATED OFF SITE (GALLONS)					
	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres
January	Please	See	Annexed	Cell	Charts							
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
ANNUAL												

	SECONDARY LEACHATE RECIRCULATED (GALLONS)						SECONDARY LEACHATE TREATED ON SITE (GALLONS)					
	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres	Cell 1 ___Acres	Cell 2 ___Acres	Cell 3 ___Acres	Cell 4 ___Acres	Cell 5 ___Acres	Cell 6 ___Acres
January												
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
ANNUAL												

Oswego County Department of Solid Waste

Primary and Secondary Leachate | Collection System

Maintenance Log

As stipulated in the New York State Department of Environmental Conservation (NYSDEC) Part 360 operating permit condition number 51 for the Oswego County Bristol Hill Landfill, the primary and secondary leachate collection / removal systems must be flushed at least annually to maintain an unobstructed and free draining collection system.

This form will serve as documentation that this system maintenance is occurring as required.

Date of flushing: 1-3-2022

System Flushed: [L] Primary [ ] Secondary ✓ Conveyance

Completed by: KILIS, DAMO, STEVENS, ALDRICH

Comments & Observations: JETTED LINES FOR CELLS 1, 2, 3

If during a weekly inspection or flushing operation, the leachate collection/removal system's efficiency is found to be impaired, remedial cleaning operations must be conducted. Notify the Solid Waste Operations Manager.

Please file completed form with the Solid Waste Operations Manager.

Oswego County Department of Solid Waste

Primary and Secondary Leachate | **Collection System**

Maintenance Log

As stipulated in the New York State Department of Environmental Conservation (NYSDEC) Part 360 operating permit condition number 51 for the Oswego County Bristol Hill Landfill, the primary and secondary leachate collection / removal systems must be flushed at least annually to maintain an unobstructed and free draining collection system.

This form will serve as documentation that this system maintenance is occurring as required.

Date of flushing: 7-22-2022

System Flushed: ☑ Primary ☑ Secondary ✓ Conveyance

Completed by: WHALEY, DUNN, MANFORD

Comments & Observations: JETTED CELL 4 PRIMARY, SECONDARY AND CONVEYANCE LINES

If during a weekly inspection or flushing operation, the leachate collection/removal system's efficiency is found to be impaired, remedial cleaning operations must be conducted. Notify the Solid Waste Operations Manager.

Please file completed form with the Solid Waste Operations Manager.

MHAS Water Quality Compilation							
Sample Date:		11/10/2020	5/19/2021	11/9/2021	5/13/2022	6/17/2022	11/10/2022
Inorganics	Color	14	5	5	14		7
	ALK	455	415	522	554	564	563
	HARD	497	497	691	2790	2390	1310
	TDS	966	13	1000	5710	5150	2260
	Cl	12.9	64	193	2780	2230	1000
	SO4	48.8	95.3	114	451	426	190
	Bromide	<1.0	<1.0	2.2	32.2	26.8	11.2
	Boron	<0.20	<0.20	<0.20	2.25	1.96	<0.20
	Cr+6	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	NO3-N	<1.0	6.1	<1.0	3.8	4.6	<1.0
	NH3-N	<0.050	<0.050	<0.050	30.3	8.22	5.27
	TKN	0.26	<0.20	0.26	31.4	9.3	5.63
	COD	5.3	<5.0	2.4	82.7	155	78.6
	BOD-5	<2.0	<2.0	<2.0	2.8	<2.0	<2.0
	SULFIDE	xx	xx	xx	xx	xx	xx
	TOC	2.2	2.1	2.4	20.9	14.8	9.3
	PHENOLS	0.0106	<0.0050	<0.0050	0.02	<0.010	<0.0050
	CN	<0.0050	<0.010	<0.0050	0.0062	<0.0050	<0.0050
Metals (ppm)	Aluminum (Al)	<0.10	<0.10	<0.10	0.232	0.329	<0.10
	Antimony (Sb)	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
	Arsenic (As)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	Barium (Ba)	0.0883	0.0807	0.108	0.441	0.319	0.2
	Beryllium (Be)	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
	Cadmium (Cd)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Calcium (Ca)	156	155	207	750	654	370
	Chromium (Cr)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	Cobalt (Co)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
	Copper (Cu)	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
	Iron (Fe)	0.178	0.667	0.133	1.19	1.22	4.92
	Lead(Pb)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Magnesium (Mg	26.2	26.9	42.5	223	184	93.9
	Manganese (Mn	0.308	<0.010	0.0165	3.33	5.12	5.27
	Mercury (Hg)	xx	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Nickel (Ni)	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Potassium (K)	2.66	2.62	3.34	56.7	32	20.5
	Selenium (Se)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	Silver (Ag)	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
	Sodium (Na)	25.8	44.9	82.4	946	845	385
	Thallium (Tl)	<0.010	<0.010	<0.010	0.0173	0.0212	0.011
	Vanadium (V)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
	Zinc (Zn)	<0.020	<0.020	<0.020	0.086	<0.020	<0.020
Organics (if above MRL) (ppm)	PCE	0.12	0.013	0.024	0.0059	0.0053	0.0058
	Chlorobenzene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Ethylbenzene	<0.005	<0.005	0.00024	<0.005	<0.005	0.00066
	TCE	0.00071	<0.005	0.00028	<0.005	<0.005	0.0043
	m,p-Xylene	<0.005	<0.005	0.0013	0.0027	0.00132	0.0015
	o-Xylene	<0.005	<0.005	0.0014	0.0021	0.0013	0.0028

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
1-Dec-21	1	3002	0	0.00	4.14		
2-Dec-21	1	3002	0	0.00	4.14		
3-Dec-21	1	3002	0	0.00	4.14		
4-Dec-21	Sat	3002	0	0.00	3.97		
5-Dec-21	Sun	3002	0	0.00	3.97		
6-Dec-21	3	3002	0	0.00	3.97		
7-Dec-21	1	3002	0	0.00	3.97		
8-Dec-21	1	3002	0	0.00	3.97		
9-Dec-21	1	3206	204	38.49	5.25		
10-Dec-21	1	3206	0	0.00	5.25		
11-Dec-21	Sat	3206	0	0.00	5.25		
12-Dec-21	Sun	3206	0	0.00	4.86		
13-Dec-21	3	3206	0	0.00	4.86		
14-Dec-21	1	3206	0	0.00	4.86		
15-Dec-21	1	3206	0	0.00	4.86		
16-Dec-21	1	3282	76	14.34	5.34		
17-Dec-21	1	3282	0	0.00	5.34		
18-Dec-21	Sat	3282	0	0.00	4.37		
19-Dec-21	Sun	3282	0	0.00	4.37		
20-Dec-21	3	3282	0	0.00	4.37		
21-Dec-21	1	3282	0	0.00	4.37		
22-Dec-21	1	3282	0	0.00	4.37		
23-Dec-21	1	3282	0	0.00	4.37		
24-Dec-21	Holiday	3282	0	0.00	2.62		
25-Dec-21	Sat	3282	0	0.00	2.62		
26-Dec-21	Sun	3282	0	0.00	2.62		
27-Dec-21	4	3282	0	0.00	2.62		
28-Dec-21	1	3442	160	30.19	3.62		
29-Dec-21	1	3442	0	0.00	3.62		
30-Dec-21	1	3442	0	0.00	2.77		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1998 CELL Comments
31-Dec-21	1	3442	0	0.00	2.77	440.00	Month End
1-Jan-22	Sat	3442	0	0.00	2.77		
2-Jan-22	Sun	3442	0	0.00	2.77		
3-Jan-22	Holiday	3442	0	0.00	2.77		
4-Jan-22	1	3460	18	3.40	2.88		
5-Jan-22	1	3460	0	0.00	2.88		
6-Jan-22	1	3460	0	0.00	2.88		
7-Jan-22	1	3460	0	0.00	2.88		
8-Jan-22	Sat	3460	0	0.00	1.60		
9-Jan-22	Sun	3460	0	0.00	1.60		
10-Jan-22	3	3460	0	0.00	1.60		
11-Jan-22	1	3460	0	0.00	1.60		
12-Jan-22	1	3487	27	5.09	1.77		
13-Jan-22	1	3487	0	0.00	1.77		
14-Jan-22	1	3487	0	0.00	1.77		
15-Jan-22	Sat	3487	0	0.00	1.29		
16-Jan-22	Sun	3487	0	0.00	1.29		
17-Jan-22	Holiday	3487	0	0.00	1.29		
18-Jan-22	3	3487	0	0.00	1.29		
19-Jan-22	1	3487	0	0.00	1.29		
20-Jan-22	1	3487	0	0.00	1.29		
21-Jan-22	1	3487	0	0.00	1.29		
22-Jan-22	Sat	3487	0	0.00	1.29		
23-Jan-22	Sun	3487	0	0.00	1.29		
24-Jan-22	3	3487	0	0.00	1.29		
25-Jan-22	1	3487	0	0.00	1.29		
26-Jan-22	1	3487	0	0.00	1.29		
27-Jan-22	1	3487	0	0.00	0.28		
28-Jan-22	1	3487	0	0.00	0.28		
29-Jan-22	Sat	3487	0	0.00	0.28		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 EELL Comments
30-Jan-22	Sun	3487	0	0.00	0.28		
31-Jan-22	3	3487	0	0.00	0.28	45.00	Month End
1-Feb-22	1	3487	0	0.00	0.28		
2-Feb-22	1	3487	0	0.00	0.28		
3-Feb-22	1	3527	40	7.55	0.42		
4-Feb-22	1	3527	0	0.00	0.42		
5-Feb-22	Sat	3527	0	0.00	0.42		
6-Feb-22	Sun	3527	0	0.00	0.42		
7-Feb-22	3	3527	0	0.00	0.42		
8-Feb-22	1	3582	55	10.38	0.77		
9-Feb-22	1	3582	0	0.00	0.77		
10-Feb-22	1	3582	0	0.00	0.77		
11-Feb-22	1	3582	0	0.00	0.60		
12-Feb-22	Sat	3582	0	0.00	0.60		
13-Feb-22	Sun	3582	0	0.00	0.60		
14-Feb-22	3	3582	0	0.00	0.60		
15-Feb-22	1	3582	0	0.00	0.60		
16-Feb-22	1	3582	0	0.00	0.60		
17-Feb-22	1	3678	96	18.11	1.20		
18-Feb-22	1	3678	0	0.00	1.20		
19-Feb-22	Sat	3678	0	0.00	1.20		
20-Feb-22	Sun	3678	0	0.00	1.20		
21-Feb-22	Holiday	3678	0	0.00	1.20		
22-Feb-22	4	3678	0	0.00	1.20		
23-Feb-22	1	3841	163	30.75	2.23		
24-Feb-22	1	3841	0	0.00	2.23		
25-Feb-22	1	3841	0	0.00	2.23		
26-Feb-22	Sat	3841	0	0.00	2.23		
27-Feb-22	Sun	3841	0	0.00	2.23		
28-Feb-22	3	3841	0	0.00	2.23	354.00	Month End

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
1-Mar-22	1	3841	0	0.00	2.23		
2-Mar-22	1	3841	0	0.00	2.23		
3-Mar-22	1	3841	0	0.00	2.23		
4-Mar-22	1	4028	187	35.28	3.40		
5-Mar-22	Sat	4028	0	0.00	3.15		
6-Mar-22	Sun	4028	0	0.00	3.15		
7-Mar-22	3	4028	0	0.00	3.15		
8-Mar-22	1	4028	0	0.00	3.15		
9-Mar-22	1	4028	0	0.00	3.15		
10-Mar-22	1	4112	84	15.85	3.33		
11-Mar-22	1	4112	0	0.00	3.33		
12-Mar-22	Sat	4112	0	0.00	3.33		
13-Mar-22	Sun	4112	0	0.00	3.33		
14-Mar-22	3	4268	156	29.43	4.31		
15-Mar-22	1	4268	0	0.00	4.31		
16-Mar-22	1	4268	0	0.00	4.31		
17-Mar-22	1	4451	183	34.53	5.47		
18-Mar-22	1	4451	0	0.00	5.47		
19-Mar-22	Sat	4451	0	0.00	4.86		
20-Mar-22	Sun	4451	0	0.00	4.86		
21-Mar-22	3	4662	211	39.81	6.19		
22-Mar-22	1	4707	45	8.49	6.47		
23-Mar-22	1	4738	31	5.85	6.67		
24-Mar-22	1	4765	27	5.09	6.84		
25-Mar-22	1	4788	23	4.34	5.96		
26-Mar-22	Sat	4788	0	0.00	5.96		
27-Mar-22	Sun	4788	0	0.00	5.96		
28-Mar-22	3	4851	63	11.89	6.35		
29-Mar-22	1	4871	20	3.77	6.48		
30-Mar-22	1	4887	16	3.02	6.58		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 EELL Comments
31-Mar-22	1	4903	16	3.02	6.68	1062.00	Month End
1-Apr-22	1	5027	124	23.40	7.46		
2-Apr-22	Sat	5027	0	0.00	7.46		
3-Apr-22	Sun	5027	0	0.00	6.28		
4-Apr-22	3	5027	0	0.00	6.28		
5-Apr-22	1	5059	32	6.04	6.48		
6-Apr-22	1	5059	0	0.00	6.48		
7-Apr-22	1	5126	67	12.64	6.91		
8-Apr-22	1	5174	48	9.06	7.21		
9-Apr-22	Sat	5174	0	0.00	6.68		
10-Apr-22	Sun	5174	0	0.00	6.68		
11-Apr-22	3	5292	118	22.26	7.42		
12-Apr-22	1	5310	18	3.40	7.53		
13-Apr-22	1	5335	25	4.72	6.71		
14-Apr-22	1	5335	0	0.00	6.71		
15-Apr-22	1	5379	44	8.30	6.99		
16-Apr-22	Sat	5379	0	0.00	5.84		
17-Apr-22	Sun	5379	0	0.00	5.84		
18-Apr-22	3	5458	79	14.91	6.33		
19-Apr-22	1	5492	34	6.42	6.55		
20-Apr-22	1	5544	52	9.81	5.55		
21-Apr-22	1	5585	41	7.74	5.52		
22-Apr-22	1	5585	0	0.00	5.33		
23-Apr-22	Sat	5585	0	0.00	5.16		
24-Apr-22	Sun	5585	0	0.00	5.01		
25-Apr-22	3	5679	94	17.74	5.60		
26-Apr-22	1	5679	0	0.00	5.60		
27-Apr-22	1	5679	0	0.00	5.21		
28-Apr-22	1	5679	0	0.00	5.08		
29-Apr-22	1	5679	0	0.00	4.98		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
30-Apr-22	Sat	5679	0	0.00	4.88		
1-May-22	Sun	5679	0	0.00	4.10	776.00	Month End
2-May-22	3	5679	0	0.00	4.10		
3-May-22	1	5679	0	0.00	4.10		
4-May-22	1	5679	0	0.00	4.10		
5-May-22	1	5770	91	17.17	4.47		
6-May-22	1	5770	0	0.00	4.47		
7-May-22	Sat	5770	0	0.00	4.05		
8-May-22	Sun	5770	0	0.00	3.75		
9-May-22	3	5791	21	3.96	3.88		
10-May-22	1	5791	0	0.00	3.88		
11-May-22	1	5791	0	0.00	3.14		
12-May-22	1	5791	0	0.00	3.03		
13-May-22	1	5791	0	0.00	2.87		
14-May-22	Sat	5791	0	0.00	2.87		
15-May-22	Sun	5791	0	0.00	2.59		
16-May-22	3	5803	12	2.26	2.67		
17-May-22	1	5803	0	0.00	2.67		
18-May-22	1	5810	7	1.32	2.21		
19-May-22	1	5810	0	0.00	2.00		
20-May-22	1	5810	0	0.00	1.67		
21-May-22	Sat	5810	0	0.00	1.42		
22-May-22	Sun	5810	0	0.00	1.42		
23-May-22	3	5810	0	0.00	1.42		
24-May-22	1	5810	0	0.00	1.42		
25-May-22	1	5820	10	1.89	0.89		
26-May-22	1	5820	0	0.00	0.89		
27-May-22	1	5820	0	0.00	0.89		
28-May-22	Sat	5820	0	0.00	0.89		
29-May-22	Sun	5820	0	0.00	0.89		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 RULE Comments
30-May-22	Holiday	5820	0	0.00	0.89		
31-May-22	4	5828	8	1.51	0.94	149.00	Month End
1-Jun-22	1	5828	0	0.00	0.94		
2-Jun-22	1	5832	4	0.75	0.96		
3-Jun-22	1	5832	0	0.00	0.96		
4-Jun-22	Sat	5832	0	0.00	0.39		
5-Jun-22	Sun	5832	0	0.00	0.39		
6-Jun-22	3	5832	0	0.00	0.39		
7-Jun-22	1	5832	0	0.00	0.39		
8-Jun-22	1	5848	16	3.02	0.36		
9-Jun-22	1	5848	0	0.00	0.36		
10-Jun-22	1	5848	0	0.00	0.36		
11-Jun-22	Sat	5848	0	0.00	0.36		
12-Jun-22	Sun	5848	0	0.00	0.36		
13-Jun-22	3	5848	0	0.00	0.36		
14-Jun-22	1	5848	0	0.00	0.36		
15-Jun-22	1	5855	7	1.32	0.33		
16-Jun-22	1	5858	3	0.57	0.35		
17-Jun-22	1	5858	0	0.00	0.30		
18-Jun-22	Sat	5858	0	0.00	0.30		
19-Jun-22	Sun	5858	0	0.00	0.30		
20-Jun-22	3	5858	0	0.00	0.30		
21-Jun-22	1	5861	3	0.57	0.32		
22-Jun-22	1	5861	0	0.00	0.32		
23-Jun-22	1	5861	0	0.00	0.32		
24-Jun-22	1	5861	0	0.00	0.26		
25-Jun-22	Sat	5861	0	0.00	0.26		
26-Jun-22	Sun	5861	0	0.00	0.26		
27-Jun-22	3	5879	18	3.40	0.37		
28-Jun-22	1	5879	0	0.00	0.37		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Ga)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
29-Jun-22	1	5879	0	0.00	0.37		
30-Jun-22	1	5879	0	0.00	0.32	59.00	Month End
1-Jul-22	1	5879	0	0.00	0.32		
2-Jul-22	Sat	5879	0	0.00	0.30		
3-Jul-22	Sun	5879	0	0.00	0.30		
4-Jul-22	Holiday	5879	0	0.00	0.30		
5-Jul-22	4	5879	0	0.00	0.30		
6-Jul-22	1	5879	0	0.00	0.30		
7-Jul-22	1	5879	0	0.00	0.30		
8-Jul-22	1	5879	0	0.00	0.19		
9-Jul-22	Sat	5879	0	0.00	0.19		
10-Jul-22	Sun	5879	0	0.00	0.19		
11-Jul-22	3	5880	1	0.19	0.20		
12-Jul-22	1	5880	0	0.00	0.20		
13-Jul-22	1	5880	0	0.00	0.20		
14-Jul-22	1	5880	0	0.00	0.20		
15-Jul-22	1	5880	0	0.00	0.16		
16-Jul-22	Sat	5880	0	0.00	0.14		
17-Jul-22	Sun	5880	0	0.00	0.14		
18-Jul-22	3	5880	0	0.00	0.14		
19-Jul-22	1	5898	18	3.40	0.25		
20-Jul-22	1	5898	0	0.00	0.25		
21-Jul-22	1	5898	0	0.00	0.23		
22-Jul-22	1	5898	0	0.00	0.23		
23-Jul-22	Sat	5898	0	0.00	0.23		
24-Jul-22	Sun	5898	0	0.00	0.23		
25-Jul-22	3	5907	9	1.70	0.29		
26-Jul-22	1	5907	0	0.00	0.29		
27-Jul-22	1	5907	0	0.00	0.18		
28-Jul-22	1	5907	0	0.00	0.18		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped per Month	1988 CELL Comments
29-Jul-22	1	5907	0	0.00	0.18		
30-Jul-22	Sat	5907	0	0.00	0.18		
31-Jul-22	Sun	5907	0	0.00	0.18	28.00	Month End
1-Aug-22	3	5907	0	0.00	0.18		
2-Aug-22	1	5907	0	0.00	0.18		
3-Aug-22	1	5907	0	0.00	0.18		
4-Aug-22	1	5907	0	0.00	0.18		
5-Aug-22	1	5907	0	0.00	0.18		
6-Aug-22	Sat	5907	0	0.00	0.18		
7-Aug-22	Sun	5907	0	0.00	0.18		
8-Aug-22	3	5909	2	0.38	0.19		
9-Aug-22	1	5909	0	0.00	0.19		
10-Aug-22	1	5909	0	0.00	0.18		
11-Aug-22	1	5909	0	0.00	0.18		
12-Aug-22	1	5909	0	0.00	0.18		
13-Aug-22	Sat	5909	0	0.00	0.18		
14-Aug-22	Sun	5909	0	0.00	0.18		
15-Aug-22	3	5909	0	0.00	0.18		
16-Aug-22	1	5909	0	0.00	0.18		
17-Aug-22	1	5909	0	0.00	0.18		
18-Aug-22	1	5909	0	0.00	0.07		
19-Aug-22	1	5909	0	0.00	0.07		
20-Aug-22	Sat	5909	0	0.00	0.07		
21-Aug-22	Sun	5909	0	0.00	0.07		
22-Aug-22	3	5918	9	1.70	0.13		
23-Aug-22	1	5918	0	0.00	0.13		
24-Aug-22	1	5918	0	0.00	0.07		
25-Aug-22	1	5918	0	0.00	0.07		
26-Aug-22	1	5918	0	0.00	0.07		
27-Aug-22	Sat	5918	0	0.00	0.07		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
28-Aug-22	Sun	5918	0	0.00	0.07		
29-Aug-22	3	5923	5	0.94	0.10		
30-Aug-22	1	5923	0	0.00	0.10		
31-Aug-22	1	5923	0	0.00	0.10	16.00	Month End
1-Sep-22	1	5923	0	0.00	0.10		
2-Sep-22	1	5923	0	0.00	0.10		
3-Sep-22	Sat	5923	0	0.00	0.10		
4-Sep-22	Sun	5923	0	0.00	0.10		
5-Sep-22	Holiday	5923	0	0.00	0.10		
6-Sep-22	4	6023	100	18.87	0.73		
7-Sep-22	1	6023	0	0.00	0.72		
8-Sep-22	1	6023	0	0.00	0.72		
9-Sep-22	1	6023	0	0.00	0.72		
10-Sep-22	Sat	6023	0	0.00	0.72		
11-Sep-22	Sun	6023	0	0.00	0.72		
12-Sep-22	3	6026	3	0.57	0.74		
13-Sep-22	1	6026	0	0.00	0.74		
14-Sep-22	1	6026	0	0.00	0.74		
15-Sep-22	1	6026	0	0.00	0.74		
16-Sep-22	1	6026	0	0.00	0.74		
17-Sep-22	Sat	6026	0	0.00	0.74		
18-Sep-22	Sun	6026	0	0.00	0.74		
19-Sep-22	3	6026	0	0.00	0.74		
20-Sep-22	1	6026	0	0.00	0.74		
21-Sep-22	1	6026	0	0.00	0.68		
22-Sep-22	1	6026	0	0.00	0.68		
23-Sep-22	1	6026	0	0.00	0.68		
24-Sep-22	Sat	6026	0	0.00	0.68		
25-Sep-22	Sun	6026	0	0.00	0.68		
26-Sep-22	3	6075	49	9.25	0.99		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
27-Sep-22	1	6075	0	0.00	0.99		
28-Sep-22	1	6075	0	0.00	0.96		
29-Sep-22	1	6075	0	0.00	0.96		
30-Sep-22	1	6075	0	0.00	0.96	152.00	Month End
1-Oct-22	Sat	6075	0	0.00	0.96		
2-Oct-22	Sun	6075	0	0.00	0.96		
3-Oct-22	3	6091	16	3.02	1.06		
4-Oct-22	1	6091	0	0.00	1.06		
5-Oct-22	1	6091	0	0.00	1.06		
6-Oct-22	1	6091	0	0.00	0.43		
7-Oct-22	1	6091	0	0.00	0.43		
8-Oct-22	Sat	6091	0	0.00	0.43		
9-Oct-22	Sun	6091	0	0.00	0.43		
10-Oct-22	3	6091	0	0.00	0.43		
11-Oct-22	1	6091	0	0.00	0.43		
12-Oct-22	1	6091	0	0.00	0.41		
13-Oct-22	1	6091	0	0.00	0.41		
14-Oct-22	1	6091	0	0.00	0.41		
15-Oct-22	Sat	6091	0	0.00	0.41		
16-Oct-22	Sun	6091	0	0.00	0.41		
17-Oct-22	3	6097	6	1.13	0.45		
18-Oct-22	1	6097	0	0.00	0.45		
19-Oct-22	1	6097	0	0.00	0.45		
20-Oct-22	1	6097	0	0.00	0.45		
21-Oct-22	1	6097	0	0.00	0.45		
22-Oct-22	Sat	6097	0	0.00	0.45		
23-Oct-22	Sun	6097	0	0.00	0.45		
24-Oct-22	3	6102	5	0.94	0.48		
25-Oct-22	1	6102	0	0.00	0.48		
26-Oct-22	1	6102	0	0.00	0.17		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
27-Oct-22	1	6102	0	0.00	0.17		
28-Oct-22	1	6102	0	0.00	0.17		
29-Oct-22	Sat	6102	0	0.00	0.17		
30-Oct-22	Sun	6102	0	0.00	0.17		
31-Oct-22	3	6107	5	0.94	0.20	32.00	Month End
1-Nov-22	1	6107	0	0.00	0.20		
2-Nov-22	1	6107	0	0.00	0.10		
3-Nov-22	1	6107	0	0.00	0.10		
4-Nov-22	1	6107	0	0.00	0.10		
5-Nov-22	Sat	6107	0	0.00	0.10		
6-Nov-22	Sun	6107	0	0.00	0.10		
7-Nov-22	3	6109	2	0.38	0.11		
8-Nov-22	1	6109	0	0.00	0.11		
9-Nov-22	1	6109	0	0.00	0.11		
10-Nov-22	1	6109	0	0.00	0.11		
11-Nov-22	1	6109	0	0.00	0.11		
12-Nov-22	Sat	6109	0	0.00	0.11		
13-Nov-22	Sun	6109	0	0.00	0.11		
14-Nov-22	3	6109	0	0.00	0.11		
15-Nov-22	1	6115	6	1.13	0.15		
16-Nov-22	1	6115	0	0.00	0.11		
17-Nov-22	1	6115	0	0.00	0.11		
18-Nov-22	1	6115	0	0.00	0.11		
19-Nov-22	Sat	6115	0	0.00	0.11		
20-Nov-22	Sun	6115	0	0.00	0.11		
21-Nov-22	3	6115	0	0.00	0.11		
22-Nov-22	1	6115	0	0.00	0.11		
23-Nov-22	1	6115	0	0.00	0.08		
24-Nov-22	1	6115	0	0.00	0.08		
25-Nov-22	1	6115	0	0.00	0.08		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
26-Nov-22	Sat	6115	0	0.00	0.08		
27-Nov-22	Sun	6115	0	0.00	0.08		
28-Nov-22	3	6115	0	0.00	0.08		
29-Nov-22	1	6115	0	0.00	0.08		
30-Nov-22	1	6115	0	0.00	0.05	13.00	Month End
1-Dec-22	1	6115	0	0.00	0.05		
2-Dec-22	1	6115	0	0.00	0.05		
3-Dec-22	Sat	6115	0	0.00	0.05		
4-Dec-22	Sun	6115	0	0.00	0.05		
5-Dec-22	3	6115	0	0.00	0.05		
6-Dec-22	1	6115	0	0.00	0.05		
7-Dec-22	1	6115	0	0.00	0.04		
8-Dec-22	1	6115	0	0.00	0.04		
9-Dec-22	1	6115	0	0.00	0.04		
10-Dec-22	Sat	6115	0	0.00	0.04		
11-Dec-22	Sun	6115	0	0.00	0.04		
12-Dec-22	3	6115	0	0.00	0.04		
13-Dec-22	1	6115	0	0.00	0.04		
14-Dec-22	1	6115	0	0.00	0.04		
15-Dec-22	1	6115	0	0.00	0.00		
16-Dec-22	1	6115	0	0.00	0.00		
17-Dec-22	Sat	6115	0	0.00	0.00		
18-Dec-22	Sun	6115	0	0.00	0.00		
19-Dec-22	3	6115	0	0.00	0.00		
20-Dec-22	1	6115	0	0.00	0.00		
21-Dec-22	1	6115	0	0.00	0.00		
22-Dec-22	1	6115	0	0.00	0.00		
23-Dec-22	1	6115	0	0.00	0.00		
24-Dec-22	Sat	6115	0	0.00	0.00		
25-Dec-22	Sun	6115	0	0.00	0.00		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #1 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1988 CELL Comments
26-Dec-22	3	6115	0	0.00	0.00		
27-Dec-22	1	6115	0	0.00	0.00		
28-Dec-22	1	6115	0	0.00	0.00		
29-Dec-22	1	6115	0	0.00	0.00		
30-Dec-22	1	6115	0	0.00	0.00		
31-Dec-22	Sat	6115	0	0.00	0.00	0.00	Month End

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1994 FELL Comments
1-Dec-21	1	557	0	0.00	1.04		
2-Dec-21	1	557	0	0.00	1.04		
3-Dec-21	1	557	0	0.00	1.04		
4-Dec-21	Sat	557	0	0.00	0.76		
5-Dec-21	Sun	557	0	0.00	0.76		
6-Dec-21	3	557	0	0.00	0.76		
7-Dec-21	1	557	0	0.00	0.76		
8-Dec-21	1	557	0	0.00	0.76		
9-Dec-21	1	560	3	0.55	0.78		
10-Dec-21	1	560	0	0.00	0.78		
11-Dec-21	Sat	560	0	0.00	0.78		
12-Dec-21	Sun	560	0	0.00	0.17		
13-Dec-21	3	560	0	0.00	0.17		
14-Dec-21	1	560	0	0.00	0.17		
15-Dec-21	1	560	0	0.00	0.17		
16-Dec-21	1	589	29	5.27	0.35		
17-Dec-21	1	589	0	0.00	0.35		
18-Dec-21	Sat	589	0	0.00	0.35		
19-Dec-21	Sun	589	0	0.00	0.35		
20-Dec-21	3	589	0	0.00	0.35		
21-Dec-21	1	589	0	0.00	0.35		
22-Dec-21	1	589	0	0.00	0.35		
23-Dec-21	1	589	0	0.00	0.35		
24-Dec-21	Holiday	589	0	0.00	0.30		
25-Dec-21	Sat	589	0	0.00	0.30		
26-Dec-21	Sun	589	0	0.00	0.30		
27-Dec-21	4	589	0	0.00	0.30		
28-Dec-21	1	644	55	10.00	0.63		
29-Dec-21	1	644	0	0.00	0.63		
30-Dec-21	1	644	0	0.00	0.53		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
31-Dec-21	1	644	0	0.00	0.53	87.00	Month End
1-Jan-22	Sat	644	0	0.00	0.53		
2-Jan-22	Sun	644	0	0.00	0.53		
3-Jan-22	Holiday	644	0	0.00	0.53		
4-Jan-22	4	649	5	0.91	0.56		
5-Jan-22	1	649	0	0.00	0.56		
6-Jan-22	1	649	0	0.00	0.56		
7-Jan-22	1	649	0	0.00	0.56		
8-Jan-22	Sat	649	0	0.00	0.54		
9-Jan-22	Sun	649	0	0.00	0.54		
10-Jan-22	3	649	0	0.00	0.54		
11-Jan-22	1	649	0	0.00	0.54		
12-Jan-22	1	657	8	1.45	0.59		
13-Jan-22	1	657	0	0.00	0.59		
14-Jan-22	1	657	0	0.00	0.59		
15-Jan-22	Sat	657	0	0.00	0.41		
16-Jan-22	Sun	657	0	0.00	0.41		
17-Jan-22	3	657	0	0.00	0.41		
18-Jan-22	1	657	0	0.00	0.41		
19-Jan-22	1	657	0	0.00	0.41		
20-Jan-22	1	657	0	0.00	0.41		
21-Jan-22	1	657	0	0.00	0.41		
22-Jan-22	Sat	657	0	0.00	0.41		
23-Jan-22	Sun	657	0	0.00	0.41		
24-Jan-22	3	663	6	1.09	0.45		
25-Jan-22	1	663	0	0.00	0.45		
26-Jan-22	1	663	0	0.00	0.45		
27-Jan-22	1	663	0	0.00	0.12		
28-Jan-22	1	663	0	0.00	0.12		
29-Jan-22	Sat	663	0	0.00	0.12		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
30-Jan-22	Sun	663	0	0.00	0.12		
31-Jan-22	3	663	0	0.00	0.12	19.00	Month End
1-Feb-22	1	663	0	0.00	0.12		
2-Feb-22	1	663	0	0.00	0.12		
3-Feb-22	1	667	4	0.73	0.11		
4-Feb-22	1	667	0	0.00	0.11		
5-Feb-22	Sat	667	0	0.00	0.11		
6-Feb-22	Sun	667	0	0.00	0.11		
7-Feb-22	3	667	0	0.00	0.11		
8-Feb-22	1	693	26	4.73	0.27		
9-Feb-22	1	693	0	0.00	0.27		
10-Feb-22	1	693	0	0.00	0.27		
11-Feb-22	1	693	0	0.00	0.22		
12-Feb-22	Sat	693	0	0.00	0.22		
13-Feb-22	Sun	693	0	0.00	0.22		
14-Feb-22	3	693	0	0.00	0.22		
15-Feb-22	1	693	0	0.00	0.22		
16-Feb-22	1	693	0	0.00	0.22		
17-Feb-22	1	801	108	19.64	0.87		
18-Feb-22	1	801	0	0.00	0.87		
19-Feb-22	Sat	801	0	0.00	0.87		
20-Feb-22	Sun	801	0	0.00	0.87		
21-Feb-22	Holiday	801	0	0.00	0.87		
22-Feb-22	4	801	0	0.00	0.87		
23-Feb-22	1	1194	393	71.45	3.22		
24-Feb-22	1	1194	0	0.00	3.22		
25-Feb-22	1	1194	0	0.00	3.22		
26-Feb-22	Sat	1194	0	0.00	3.22		
27-Feb-22	Sun	1194	0	0.00	3.22		
28-Feb-22	3	1194	0	0.00	3.22		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
1-Mar-22	1	1194	0	0.00	3.22		
2-Mar-22	1	1194	0	0.00	3.22		
3-Mar-22	1	1194	0	0.00	3.22		
4-Mar-22	1	1201	7	1.27	3.26		
5-Mar-22	Sat	1201	0	0.00	3.24		
6-Mar-22	Sun	1201	0	0.00	3.24		
7-Mar-22	3	1201	0	0.00	3.24		
8-Mar-22	1	1201	0	0.00	3.24		
9-Mar-22	1	1220	19	3.45	3.35		
10-Mar-22	1	1220	0	0.00	3.19		
11-Mar-22	1	1220	0	0.00	3.19		
12-Mar-22	Sat	1220	0	0.00	3.19		
13-Mar-22	Sun	1220	0	0.00	3.19		
14-Mar-22	3	1220	0	0.00	3.19		
15-Mar-22	1	1220	0	0.00	3.19		
16-Mar-22	1	1257	37	6.73	3.42		
17-Mar-22	1	1257	0	0.00	3.42		
18-Mar-22	1	1257	0	0.00	3.42		
19-Mar-22	Sat	1257	0	0.00	2.76		
20-Mar-22	Sun	1257	0	0.00	2.76		
21-Mar-22	3	1275	18	3.27	2.87		
22-Mar-22	1	1275	0	0.00	2.87		
23-Mar-22	1	1276	1	0.18	2.88		
24-Mar-22	1	1277	1	0.18	2.88		
25-Mar-22	1	1279	2	0.36	0.52		
26-Mar-22	Sat	1279	0	0.00	0.52		
27-Mar-22	Sun	1279	0	0.00	0.52		
28-Mar-22	3	1283	4	0.73	0.54		
29-Mar-22	1	1284	1	0.18	0.55		
30-Mar-22	1	1286	2	0.36	0.56		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1998 EELL Comments
31-Mar-22	1	1287	1	0.18	0.56		
1-Apr-22	1	1287	0	0.00	0.56		
2-Apr-22	Sat	1287	0	0.00	0.56		
3-Apr-22	Sun	1287	0	0.00	0.52		
4-Apr-22	3	1295	8	1.45	0.57		
5-Apr-22	1	1295	0	0.00	0.57		
6-Apr-22	1	1295	0	0.00	0.57		
7-Apr-22	1	1300	5	0.91	0.60		
8-Apr-22	1	1313	13	2.36	0.56		
9-Apr-22	Sat	1313	0	0.00	0.56		
10-Apr-22	Sun	1313	0	0.00	0.56		
11-Apr-22	3	1316	3	0.55	0.58		
12-Apr-22	1	1361	45	8.18	0.85		
13-Apr-22	1	1319	-42	-7.64	0.60		
14-Apr-22	1	1319	0	0.00	0.60		
15-Apr-22	1	1322	3	0.55	0.39		
16-Apr-22	Sat	1322	0	0.00	0.39		
17-Apr-22	Sun	1322	0	0.00	0.39		
18-Apr-22	3	1326	4	0.73	0.42		
19-Apr-22	1	1326	0	0.00	0.42		
20-Apr-22	1	1327	1	0.18	0.32		
21-Apr-22	1	1328	1	0.18	0.32		
22-Apr-22	1	1328	0	0.00	0.32		
23-Apr-22	Sat	1328	0	0.00	0.31		
24-Apr-22	Sun	1328	0	0.00	0.30		
25-Apr-22	3	1336	8	1.45	0.35		
26-Apr-22	1	1336	0	0.00	0.35		
27-Apr-22	1	1336	0	0.00	0.32		
28-Apr-22	1	1336	0	0.00	0.32		
29-Apr-22	1	1336	0	0.00	0.30		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
30-Apr-22	Sat	1336	0	0.00	0.30		
1-May-22	Sun	1336	0	0.00	0.30		
2-May-22	3	1346	10	1.82	0.36		
3-May-22	1	1346	0	0.00	0.36		
4-May-22	1	1346	0	0.00	0.31		
5-May-22	1	1346	0	0.00	0.31		
6-May-22	1	1348	2	0.36	0.32		
7-May-22	Sat	1348	0	0.00	0.29		
8-May-22	Sun	1348	0	0.00	0.21		
9-May-22	3	1350	2	0.36	0.22		
10-May-22	1	1350	0	0.00	0.22		
11-May-22	1	1350	0	0.00	0.21		
12-May-22	1	1350	0	0.00	-0.07		
13-May-22	1	1352	2	0.36	0.20		
14-May-22	Sat	1352	0	0.00	0.20		
15-May-22	Sun	1352	0	0.00	0.18		
16-May-22	3	1352	0	0.00	0.18		
17-May-22	1	1352	0	0.00	0.18		
18-May-22	1	1354	2	0.36	0.17		
19-May-22	1	1354	0	0.00	0.17		
20-May-22	1	1354	0	0.00	0.16		
21-May-22	Sat	1354	0	0.00	0.16		
22-May-22	Sun	1354	0	0.00	0.16		
23-May-22	3	1354	0	0.00	0.16		
24-May-22	1	1354	0	0.00	0.16		
25-May-22	1	1359	5	0.91	0.14		
26-May-22	1	1359	0	0.00	0.14		
27-May-22	1	1359	0	0.00	0.14		
28-May-22	Sat	1359	0	0.00	0.14		
29-May-22	Sun	1359	0	0.00	0.14		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1997 CELL Comments
30-May-22	Holiday	1359	0	0.00	0.14		
31-May-22	4	1359	0	0.00	0.14		
1-Jun-22	1	1359	0	0.00	0.08		
2-Jun-22	1	1534	175	31.82	1.14		
3-Jun-22	1	1534	0	0.00	1.14		
4-Jun-22	Sat	1534	0	0.00	1.14		
5-Jun-22	Sun	1534	0	0.00	1.13		
6-Jun-22	3	1534	0	0.00	1.13		
7-Jun-22	1	1534	0	0.00	1.13		
8-Jun-22	1	1538	4	0.73	1.14		
9-Jun-22	1	1538	0	0.00	1.14		
10-Jun-22	1	1538	0	0.00	1.14		
11-Jun-22	Sat	1538	0	0.00	1.14		
12-Jun-22	Sun	1538	0	0.00	1.13		
13-Jun-22	3	1538	0	0.00	1.13		
14-Jun-22	1	1538	0	0.00	1.13		
15-Jun-22	1	1543	5	0.91	1.16		
16-Jun-22	1	1543	0	0.00	1.16		
17-Jun-22	1	1543	0	0.00	1.15		
18-Jun-22	Sat	1543	0	0.00	1.15		
19-Jun-22	Sun	1543	0	0.00	1.15		
20-Jun-22	3	1543	0	0.00	1.15		
21-Jun-22	1	1548	5	0.91	1.18		
22-Jun-22	1	1548	0	0.00	1.18		
23-Jun-22	1	1548	0	0.00	1.18		
24-Jun-22	1	1548	0	0.00	1.15		
25-Jun-22	Sat	1548	0	0.00	1.15		
26-Jun-22	Sun	1548	0	0.00	1.15		
27-Jun-22	3	1552	4	0.73	1.17		
28-Jun-22	1	1552	0	0.00	1.17		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
29-Jun-22	1	1552	0	0.00	1.17		
30-Jun-22	1	1552	0	0.00	1.17		
1-Jul-22	1	1552	0	0.00	1.17		
2-Jul-22	Sat	1552	0	0.00	0.11		
3-Jul-22	Sun	1552	0	0.00	0.11		
4-Jul-22	Holiday	1552	0	0.00	0.11		
5-Jul-22	4	1557	5	0.91	0.14		
6-Jul-22	1	1557	0	0.00	0.14		
7-Jul-22	1	1557	0	0.00	0.14		
8-Jul-22	1	1557	0	0.00	0.12		
9-Jul-22	Sat	1557	0	0.00	0.12		
10-Jul-22	Sun	1557	0	0.00	0.12		
11-Jul-22	3	1562	5	0.91	0.15		
12-Jul-22	1	1562	0	0.00	0.15		
13-Jul-22	1	1562	0	0.00	0.15		
14-Jul-22	1	1562	0	0.00	0.15		
15-Jul-22	1	1562	0	0.00	0.12		
16-Jul-22	Sat	1562	0	0.00	0.12		
17-Jul-22	Sun	1562	0	0.00	0.12		
18-Jul-22	3	1562	0	0.00	0.12		
19-Jul-22	1	1568	6	1.09	0.15		
20-Jul-22	1	1568	0	0.00	0.15		
21-Jul-22	1	1568	0	0.00	0.12		
22-Jul-22	1	1568	0	0.00	0.12		
23-Jul-22	Sat	1568	0	0.00	0.12		
24-Jul-22	Sun	1568	0	0.00	0.12		
25-Jul-22	3	1574	6	1.09	0.16		
26-Jul-22	1	1574	0	0.00	0.16		
27-Jul-22	1	1574	0	0.00	0.13		
28-Jul-22	1	1574	0	0.00	0.13		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 FELL Comments
29-Jul-22	1	1574	0	0.00	0.13		
30-Jul-22	Sat	1574	0	0.00	0.13		
31-Jul-22	Sun	1574	0	0.00	0.13		
1-Aug-22	3	1579	5	0.91	0.16		
2-Aug-22	1	1579	0	0.00	0.16		
3-Aug-22	1	1579	0	0.00	0.16		
4-Aug-22	1	1579	0	0.00	0.13		
5-Aug-22	1	1579	0	0.00	0.13		
6-Aug-22	Sat	1579	0	0.00	0.13		
7-Aug-22	Sun	1579	0	0.00	0.13		
8-Aug-22	3	1583	4	0.73	0.16		
9-Aug-22	1	1583	0	0.00	0.16		
10-Aug-22	1	1583	0	0.00	0.13		
11-Aug-22	1	1583	0	0.00	0.13		
12-Aug-22	1	1583	0	0.00	0.13		
13-Aug-22	Sat	1583	0	0.00	0.13		
14-Aug-22	Sun	1583	0	0.00	0.13		
15-Aug-22	3	1583	0	0.00	0.13		
16-Aug-22	1	1583	0	0.00	0.13		
17-Aug-22	1	1583	0	0.00	0.13		
18-Aug-22	1	1583	0	0.00	0.09		
19-Aug-22	1	1583	0	0.00	0.09		
20-Aug-22	Sat	1583	0	0.00	0.09		
21-Aug-22	Sun	1583	0	0.00	0.09		
22-Aug-22	3	1592	9	1.64	0.15		
23-Aug-22	1	1592	0	0.00	0.15		
24-Aug-22	1	1592	0	0.00	0.11		
25-Aug-22	1	1592	0	0.00	0.11		
26-Aug-22	1	1592	0	0.00	0.11		
27-Aug-22	Sat	1592	0	0.00	0.11		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
28-Aug-22	Sun	1592	0	0.00	0.11		
29-Aug-22	3	1597	5	0.91	0.14		
30-Aug-22	1	1597	0	0.00	0.14		
31-Aug-22	1	1597	0	0.00	0.11		
1-Sep-22	1	1597	0	0.00	0.11		
2-Sep-22	1	1597	0	0.00	0.11		
3-Sep-22	Sat	1597	0	0.00	0.11		
4-Sep-22	Sun	1597	0	0.00	0.11		
5-Sep-22	Holiday	1597	0	0.00	0.11		
6-Sep-22	4	1602	5	0.91	0.14		
7-Sep-22	1	1602	0	0.00	0.12		
8-Sep-22	1	1602	0	0.00	0.12		
9-Sep-22	1	1602	0	0.00	0.12		
10-Sep-22	Sat	1602	0	0.00	0.12		
11-Sep-22	Sun	1602	0	0.00	0.12		
12-Sep-22	3	1606	4	0.73	0.14		
13-Sep-22	1	1606	0	0.00	0.14		
14-Sep-22	1	1606	0	0.00	0.14		
15-Sep-22	1	1606	0	0.00	0.14		
16-Sep-22	1	1606	0	0.00	0.14		
17-Sep-22	Sat	1606	0	0.00	0.14		
18-Sep-22	Sun	1606	0	0.00	0.14		
19-Sep-22	3	1606	0	0.00	0.14		
20-Sep-22	1	1606	0	0.00	0.14		
21-Sep-22	1	1606	0	0.00	0.08		
22-Sep-22	1	1606	0	0.00	0.08		
23-Sep-22	1	1606	0	0.00	0.08		
24-Sep-22	Sat	1606	0	0.00	0.08		
25-Sep-22	Sun	1606	0	0.00	0.08		
26-Sep-22	3	1614	8	1.45	0.13		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
27-Sep-22	1	1614	0	0.00	0.13		
28-Sep-22	1	1614	0	0.00	0.10		
29-Sep-22	1	1614	0	0.00	0.10		
30-Sep-22	1	1614	0	0.00	0.10		
1-Oct-22	Sat	1614	0	0.00	0.10		
2-Oct-22	Sun	1614	0	0.00	0.10		
3-Oct-22	3	1675	61	11.09	0.47		
4-Oct-22	1	1675	0	0.00	0.47		
5-Oct-22	1	1675	0	0.00	0.47		
6-Oct-22	1	1675	0	0.00	0.44		
7-Oct-22	1	1675	0	0.00	0.44		
8-Oct-22	Sat	1675	0	0.00	0.44		
9-Oct-22	Sun	1675	0	0.00	0.44		
10-Oct-22	3	1678	3	0.55	0.46		
11-Oct-22	1	1678	0	0.00	0.46		
12-Oct-22	1	1678	0	0.00	0.44		
13-Oct-22	1	1678	0	0.00	0.44		
14-Oct-22	1	1678	0	0.00	0.44		
15-Oct-22	Sat	1678	0	0.00	0.44		
16-Oct-22	Sun	1678	0	0.00	0.44		
17-Oct-22	3	1681	3	0.55	0.45		
18-Oct-22	1	1681	0	0.00	0.45		
19-Oct-22	1	1681	0	0.00	0.45		
20-Oct-22	1	1681	0	0.00	0.45		
21-Oct-22	1	1681	0	0.00	0.45		
22-Oct-22	Sat	1681	0	0.00	0.45		
23-Oct-22	Sun	1681	0	0.00	0.45		
24-Oct-22	3	1684	3	0.55	0.47		
25-Oct-22	1	1684	0	0.00	0.47		
26-Oct-22	1	1684	0	0.00	0.42		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
27-Oct-22	1	1684	0	0.00	0.42		
28-Oct-22	1	1684	0	0.00	0.42		
29-Oct-22	Sat	1684	0	0.00	0.42		
30-Oct-22	Sun	1684	0	0.00	0.42		
31-Oct-22	3	1686	2	0.36	0.44		
1-Nov-22	1	1686	0	0.00	0.44		
2-Nov-22	1	1686	0	0.00	0.07		
3-Nov-22	1	1686	0	0.00	0.07		
4-Nov-22	1	1686	0	0.00	0.07		
5-Nov-22	Sat	1686	0	0.00	0.07		
6-Nov-22	Sun	1686	0	0.00	0.07		
7-Nov-22	3	1687	1	0.18	0.07		
8-Nov-22	1	1687	0	0.00	0.07		
9-Nov-22	1	1687	0	0.00	0.05		
10-Nov-22	1	1687	0	0.00	0.05		
11-Nov-22	1	1687	0	0.00	0.05		
12-Nov-22	Sat	1687	0	0.00	0.05		
13-Nov-22	Sun	1687	0	0.00	0.05		
14-Nov-22	3	1799	112	20.36	0.73		
15-Nov-22	1	1799	0	0.00	0.73		
16-Nov-22	1	1799	0	0.00	0.72		
17-Nov-22	1	1799	0	0.00	0.72		
18-Nov-22	1	1799	0	0.00	0.72		
19-Nov-22	Sat	1799	0	0.00	0.72		
20-Nov-22	Sun	1799	0	0.00	0.72		
21-Nov-22	3	1799	0	0.00	0.72		
22-Nov-22	1	1799	0	0.00	0.72		
23-Nov-22	1	1799	0	0.00	0.70		
24-Nov-22	Holiday	1799	0	0.00	0.70		
25-Nov-22	Holiday	1799	0	0.00	0.70		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 CELL Comments
26-Nov-22	Sat	1799	0	0.00	0.70		
27-Nov-22	Sun	1799	0	0.00	0.70		
28-Nov-22	5	1799	0	0.00	0.70		
29-Nov-22	1	1799	0	0.00	0.70		
30-Nov-22	1	1799	0	0.00	0.68		
1-Dec-22	1	1807	8	1.45	0.73		
2-Dec-22	1	1807	0	0.00	0.73		
3-Dec-22	Sat	1807	0	0.00	0.73		
4-Dec-22	Sun	1807	0	0.00	0.73		
5-Dec-22	3	1808	1	0.18	0.74		
6-Dec-22	1	1808	0	0.00	0.74		
7-Dec-22	1	1808	0	0.00	0.73		
8-Dec-22	1	1808	0	0.00	0.73		
9-Dec-22	1	1808	0	0.00	0.73		
10-Dec-22	Sat	1808	0	0.00	0.73		
11-Dec-22	Sun	1808	0	0.00	0.73		
12-Dec-22	3	1808	0	0.00	0.73		
13-Dec-22	1	1808	0	0.00	0.73		
14-Dec-22	1	1808	0	0.00	0.05		
15-Dec-22	1	1808	0	0.00	0.05		
16-Dec-22	1	1808	0	0.00	0.05		
17-Dec-22	Sat	1808	0	0.00	0.05		
18-Dec-22	Sun	1808	0	0.00	0.05		
19-Dec-22	3	1837	29	5.27	0.23		
20-Dec-22	1	1837	0	0.00	0.23		
21-Dec-22	1	1837	0	0.00	0.23		
22-Dec-22	1	1837	0	0.00	0.23		
23-Dec-22	1	1837	0	0.00	0.23		
24-Dec-22	Sat	1837	0	0.00	0.23		
25-Dec-22	Sun	1837	0	0.00	0.23		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #2 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1992 EPLL Comments
26-Dec-22	Holiday	1837	0	0.00	0.23		
27-Dec-22	4	1875	38	6.91	0.46		
28-Dec-22	1	1875	0	0.00	0.46		
29-Dec-22	1	1875	0	0.00	0.46		
30-Dec-22	1	1875	0	0.00	0.46		
31-Dec-22	Sat	1875	0	0.00	0.41		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
1-Dec-21	1	1625	0	0.00	0.45		
2-Dec-21	1	1625	0	0.00	0.45		
3-Dec-21	1	1625	0	0.00	0.45		
4-Dec-21	Sat	1625	0	0.00	0.45		
5-Dec-21	Sun	1625	0	0.00	0.45		
6-Dec-21	3	1625	0	0.00	0.45		
7-Dec-21	1	1625	0	0.00	0.45		
8-Dec-21	1	1625	0	0.00	0.45		
9-Dec-21	1	1682	57	10.36	0.80		
10-Dec-21	1	1682	0	0.00	0.80		
11-Dec-21	Sat	1682	0	0.00	0.80		
12-Dec-21	Sun	1682	0	0.00	0.47		
13-Dec-21	3	1682	0	0.00	0.47		
14-Dec-21	1	1682	0	0.00	0.47		
15-Dec-21	1	1682	0	0.00	0.47		
16-Dec-21	1	1682	0	0.00	0.47		
17-Dec-21	1	1682	0	0.00	0.47		
18-Dec-21	Sat	1682	0	0.00	0.47		
19-Dec-21	Sun	1682	0	0.00	0.47		
20-Dec-21	3	1682	0	0.00	0.47		
21-Dec-21	1	1682	0	0.00	0.47		
22-Dec-21	1	1682	0	0.00	0.47		
23-Dec-21	1	1682	0	0.00	0.47		
24-Dec-21	Holiday	1682	0	0.00	0.35		
25-Dec-21	Sat	1682	0	0.00	0.35		
26-Dec-21	Sun	1682	0	0.00	0.35		
27-Dec-21	4	1682	0	0.00	0.35		
28-Dec-21	1	1682	0	0.00	0.35		
29-Dec-21	1	1682	0	0.00	0.35		
30-Dec-21	1	1682	0	0.00	0.35		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
31-Dec-21	1	1682	0	0.00	0.35	**57.00**	**Month End**
1-Jan-22	Sat	1682	0	0.00	0.35		
2-Jan-22	Sun	1682	0	0.00	0.35		
3-Jan-22	Holiday	1682	0	0.00	0.35		
4-Jan-22	4	1682	0	0.00	0.35		
5-Jan-22	1	1682	0	0.00	0.35		
6-Jan-22	1	1682	0	0.00	0.35		
7-Jan-22	1	1682	0	0.00	0.35		
8-Jan-22	Sat	1682	0	0.00	0.00		
9-Jan-22	Sun	1682	0	0.00	0.00		
10-Jan-22	3	1682	0	0.00	0.00		
11-Jan-22	1	1682	0	0.00	0.00		
12-Jan-22	1	1682	0	0.00	0.00		
13-Jan-22	1	1682	0	0.00	0.00		
14-Jan-22	1	1682	0	0.00	0.00		
15-Jan-22	Sat	1682	0	0.00	0.00		
16-Jan-22	Sun	1682	0	0.00	0.00		
17-Jan-22	3	1682	0	0.00	0.00		
18-Jan-22	1	1682	0	0.00	0.00		
19-Jan-22	1	1682	0	0.00	0.00		
20-Jan-22	1	1682	0	0.00	0.00		
21-Jan-22	1	1682	0	0.00	0.00		
22-Jan-22	Sat	1682	0	0.00	0.00		
23-Jan-22	Sun	1682	0	0.00	0.00		
24-Jan-22	3	1682	0	0.00	0.00		
25-Jan-22	1	1682	0	0.00	0.00		
26-Jan-22	1	1682	0	0.00	0.00		
27-Jan-22	1	1682	0	0.00	0.00		
28-Jan-22	1	1682	0	0.00	0.00		
29-Jan-22	Sat	1682	0	0.00	0.00		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
30-Jan-22	Sun	1682	0	0.00	0.00		
31-Jan-22	3	1682	0	0.00	0.00	**0.00**	**Month End**
1-Feb-22	1	1682	0	0.00	0.00		
2-Feb-22	1	1682	0	0.00	0.00		
3-Feb-22	1	1682	0	0.00	0.00		
4-Feb-22	1	1682	0	0.00	0.00		
5-Feb-22	Sat	1682	0	0.00	0.00		
6-Feb-22	Sun	1682	0	0.00	0.00		
7-Feb-22	3	1682	0	0.00	0.00		
8-Feb-22	1	1682	0	0.00	0.00		
9-Feb-22	1	1682	0	0.00	0.00		
10-Feb-22	1	1682	0	0.00	0.00		
11-Feb-22	1	1682	0	0.00	0.00		
12-Feb-22	Sat	1682	0	0.00	0.00		
13-Feb-22	Sun	1682	0	0.00	0.00		
14-Feb-22	3	1682	0	0.00	0.00		
15-Feb-22	1	1682	0	0.00	0.00		
16-Feb-22	1	1682	0	0.00	0.00		
17-Feb-22	1	1682	0	0.00	0.00		
18-Feb-22	1	1682	0	0.00	0.00		
19-Feb-22	Sat	1682	0	0.00	0.00		
20-Feb-22	Sun	1682	0	0.00	0.00		
21-Feb-22	Holiday	1682	0	0.00	0.00		
22-Feb-22	4	1682	0	0.00	0.00		
23-Feb-22	1	1702	20	3.64	0.12		Replaced Flow Meter
24-Feb-22	1	1702	0	0.00	0.12		
25-Feb-22	1	1702	0	0.00	0.12		
26-Feb-22	Sat	1702	0	0.00	0.12		
27-Feb-22	Sun	1702	0	0.00	0.12		
28-Feb-22	3	1710	8	1.45	0.17	**28.00**	**Month End**

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
1-Mar-22	1	1710	0	0.00	0.17		
2-Mar-22	1	1710	0	0.00	0.17		
3-Mar-22	1	1710	0	0.00	0.17		
4-Mar-22	1	1714	4	0.73	0.19		
5-Mar-22	Sat	1714	0	0.00	0.19		
6-Mar-22	Sun	1714	0	0.00	0.19		
7-Mar-22	3	1714	0	0.00	0.19		
8-Mar-22	1	1714	0	0.00	0.19		
9-Mar-22	1	1714	0	0.00	0.19		
10-Mar-22	1	1714	0	0.00	0.19		
11-Mar-22	1	1714	0	0.00	0.19		
12-Mar-22	Sat	1714	0	0.00	0.19		
13-Mar-22	Sun	1714	0	0.00	0.19		
14-Mar-22	3	1741	27	4.91	0.36		
15-Mar-22	1	1741	0	0.00	0.36		
16-Mar-22	1	1741	0	0.00	0.36		
17-Mar-22	1	1757	16	2.91	0.45		
18-Mar-22	1	1757	0	0.00	0.45		
19-Mar-22	Sat	1757	0	0.00	0.45		
20-Mar-22	Sun	1757	0	0.00	0.45		
21-Mar-22	3	1775	18	3.27	0.56		
22-Mar-22	1	1785	10	1.82	0.62		
23-Mar-22	1	1785	0	0.00	0.62		
24-Mar-22	1	1785	0	0.00	0.62		
25-Mar-22	1	1796	11	2.00	0.57		
26-Mar-22	Sat	1796	0	0.00	0.57		
27-Mar-22	Sun	1796	0	0.00	0.57		
28-Mar-22	3	1796	0	0.00	0.57		
29-Mar-22	1	1807	11	2.00	0.64		
30-Mar-22	1	1807	0	0.00	0.59		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
31-Mar-22	1	1807	0	0.00	0.59	**97.00**	**Month End**
1-Apr-22	1	1817	10	1.82	0.65		
2-Apr-22	Sat	1817	0	0.00	0.65		
3-Apr-22	Sun	1817	0	0.00	0.62		
4-Apr-22	3	1828	11	2.00	0.69		
5-Apr-22	1	1828	0	0.00	0.69		
6-Apr-22	1	1828	0	0.00	0.69		
7-Apr-22	1	1832	4	0.73	0.72		
8-Apr-22	1	1860	28	5.09	0.88		
9-Apr-22	Sat	1860	0	0.00	0.88		
10-Apr-22	Sun	1860	0	0.00	0.88		
11-Apr-22	3	1870	10	1.82	0.95		
12-Apr-22	1	1870	0	0.00	0.95		
13-Apr-22	1	1880	10	1.82	0.84		
14-Apr-22	1	1880	0	0.00	0.84		
15-Apr-22	1	1890	10	1.82	0.90		
16-Apr-22	Sat	1890	0	0.00	0.81		
17-Apr-22	Sun	1890	0	0.00	0.81		
18-Apr-22	3	1890	0	0.00	0.81		
19-Apr-22	1	1890	0	0.00	0.81		
20-Apr-22	1	1901	11	2.00	0.76		
21-Apr-22	1	1902	1	0.18	0.71		
22-Apr-22	1	1902	0	0.00	0.71		
23-Apr-22	Sat	1902	0	0.00	0.71		
24-Apr-22	Sun	1902	0	0.00	0.64		
25-Apr-22	3	1911	9	1.64	0.70		
26-Apr-22	1	1911	0	0.00	0.70		
27-Apr-22	1	1911	0	0.00	0.70		
28-Apr-22	1	1911	0	0.00	0.63		
29-Apr-22	1	1911	0	0.00	0.63		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1998 CELL Comments
30-Apr-22	Sat	1911	0	0.00	0.63	**104.00**	**Month End**
1-May-22	Sun	1911	0	0.00	0.57		
2-May-22	3	1911	0	0.00	0.57		
3-May-22	1	1927	16	2.91	0.67		
4-May-22	1	1927	0	0.00	0.60		
5-May-22	1	1941	14	2.55	0.68		
6-May-22	1	1941	0	0.00	0.68		
7-May-22	Sat	1941	0	0.00	0.66		
8-May-22	Sun	1941	0	0.00	0.49		
9-May-22	3	1941	0	0.00	0.49		
10-May-22	1	1960	19	3.45	0.61		
11-May-22	1	1963	3	0.55	0.56		
12-May-22	1	1963	0	0.00	0.56		
13-May-22	1	1963	0	0.00	0.50		
14-May-22	Sat	1963	0	0.00	0.50		
15-May-22	Sun	1963	0	0.00	0.44		
16-May-22	3	1969	6	1.09	0.48		
17-May-22	1	1969	0	0.00	0.48		
18-May-22	1	1982	13	2.36	0.56		
19-May-22	1	1982	0	0.00	0.56		
20-May-22	1	1982	0	0.00	0.49		
21-May-22	Sat	1982	0	0.00	0.48		
22-May-22	Sun	1982	0	0.00	0.48		
23-May-22	3	1997	15	2.73	0.58		
24-May-22	1	1997	0	0.00	0.58		
25-May-22	1	2012	15	2.73	0.61		
26-May-22	1	2012	0	0.00	0.61		
27-May-22	1	2012	0	0.00	0.61		
28-May-22	Sat	2012	0	0.00	0.61		
29-May-22	Sun	2012	0	0.00	0.61		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1998 EPA Comments
30-May-22	Holiday	2012	0	0.00	0.61		
31-May-22	4	2020	8	1.45	0.66	**109.00**	**Month End**
1-Jun-22	1	2020	0	0.00	0.66		
2-Jun-22	1	2042	22	4.00	0.70		
3-Jun-22	1	2042	0	0.00	0.70		
4-Jun-22	Sat	2042	0	0.00	0.61		
5-Jun-22	Sun	2042	0	0.00	0.61		
6-Jun-22	3	2042	0	0.00	0.61		
7-Jun-22	1	2042	0	0.00	0.61		
8-Jun-22	1	2072	30	5.45	0.79		
9-Jun-22	1	2072	0	0.00	0.68		
10-Jun-22	1	2072	0	0.00	0.66		
11-Jun-22	Sat	2072	0	0.00	0.66		
12-Jun-22	Sun	2072	0	0.00	0.66		
13-Jun-22	3	2072	0	0.00	0.66		
14-Jun-22	1	2072	0	0.00	0.66		
15-Jun-22	1	2102	30	5.45	0.81		
16-Jun-22	1	2102	0	0.00	0.81		
17-Jun-22	1	2102	0	0.00	0.73		
18-Jun-22	Sat	2102	0	0.00	0.73		
19-Jun-22	Sun	2102	0	0.00	0.73		
20-Jun-22	3	2102	0	0.00	0.73		
21-Jun-22	1	2142	40	7.27	0.97		
22-Jun-22	1	2142	0	0.00	0.88		
23-Jun-22	1	2142	0	0.00	0.88		
24-Jun-22	1	2142	0	0.00	0.79		
25-Jun-22	Sat	2142	0	0.00	0.79		
26-Jun-22	Sun	2142	0	0.00	0.79		
27-Jun-22	3	2162	20	3.64	0.91		
28-Jun-22	1	2162	0	0.00	0.91		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
29-Jun-22	1	2162	0	0.00	0.91		
30-Jun-22	1	2162	0	0.00	0.86	**150.00**	**Month End**
1-Jul-22	1	2162	0	0.00	0.86		
2-Jul-22	Sat	2162	0	0.00	0.73		
3-Jul-22	Sun	2162	0	0.00	0.73		
4-Jul-22	Holiday	2162	0	0.00	0.73		
5-Jul-22	4	2232	70	12.73	1.15		
6-Jul-22	1	2232	0	0.00	1.15		
7-Jul-22	1	2232	0	0.00	1.15		
8-Jul-22	1	2232	0	0.00	0.97		
9-Jul-22	Sat	2232	0	0.00	0.97		
10-Jul-22	Sun	2232	0	0.00	0.97		
11-Jul-22	3	2292	60	10.91	1.33		
12-Jul-22	1	2292	0	0.00	1.33		
13-Jul-22	1	2292	0	0.00	1.33		
14-Jul-22	1	2292	0	0.00	1.33		
15-Jul-22	1	2292	0	0.00	1.15		
16-Jul-22	Sat	2292	0	0.00	1.15		
17-Jul-22	Sun	2292	0	0.00	1.15		
18-Jul-22	3	2292	0	0.00	1.15		
19-Jul-22	1	2323	31	5.64	1.34		
20-Jul-22	1	2323	0	0.00	1.34		
21-Jul-22	1	2323	0	0.00	1.10		
22-Jul-22	1	2323	0	0.00	1.10		
23-Jul-22	Sat	2323	0	0.00	1.10		
24-Jul-22	Sun	2323	0	0.00	1.10		
25-Jul-22	3	2383	60	10.91	1.46		
26-Jul-22	1	2383	0	0.00	1.46		
27-Jul-22	1	2383	0	0.00	1.34		
28-Jul-22	1	2383	0	0.00	1.34		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
29-Jul-22	1	2383	0	0.00	1.34		
30-Jul-22	Sat	2383	0	0.00	1.34		
31-Jul-22	Sun	2383	0	0.00	1.34	**221.00**	**Month End**
1-Aug-22	3	2473	90	16.36	1.88		
2-Aug-22	1	2473	0	0.00	1.88		
3-Aug-22	1	2473	0	0.00	1.88		
4-Aug-22	1	2473	0	0.00	1.46		
5-Aug-22	1	2473	0	0.00	1.46		
6-Aug-22	Sat	2473	0	0.00	1.46		
7-Aug-22	Sun	2473	0	0.00	1.46		
8-Aug-22	3	2612	139	25.27	2.30		
9-Aug-22	1	2612	0	0.00	2.30		
10-Aug-22	1	2612	0	0.00	1.94		
11-Aug-22	1	2612	0	0.00	1.94		
12-Aug-22	1	2612	0	0.00	1.94		
13-Aug-22	Sat	2612	0	0.00	1.94		
14-Aug-22	Sun	2612	0	0.00	1.94		
15-Aug-22	3	2612	0	0.00	1.94		
16-Aug-22	1	2612	0	0.00	1.94		
17-Aug-22	1	2612	0	0.00	1.94		
18-Aug-22	1	2612	0	0.00	1.75		
19-Aug-22	1	2612	0	0.00	1.75		
20-Aug-22	Sat	2612	0	0.00	1.75		
21-Aug-22	Sun	2612	0	0.00	1.75		
22-Aug-22	3	3077	465	84.55	4.57		
23-Aug-22	1	3077	0	0.00	4.57		
24-Aug-22	1	3077	0	0.00	4.21		
25-Aug-22	1	3077	0	0.00	4.21		
26-Aug-22	1	3077	0	0.00	4.21		
27-Aug-22	Sat	3077	0	0.00	4.21		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
28-Aug-22	Sun	3077	0	0.00	4.21		
29-Aug-22	3	3321	244	44.36	5.68		
30-Aug-22	1	3321	0	0.00	5.68		
31-Aug-22	1	3321	0	0.00	5.14		
1-Sep-22	1	3321	0	0.00	5.14		
2-Sep-22	1	3321	0	0.00	5.14		
3-Sep-22	Sat	3321	0	0.00	5.14		
4-Sep-22	Sun	3321	0	0.00	5.14		
5-Sep-22	Holiday	3321	0	0.00	5.14		
6-Sep-22	4	3380	59	10.73	5.50		
7-Sep-22	1	3380	0	0.00	4.65		
8-Sep-22	1	3380	0	0.00	4.65		
9-Sep-22	1	3380	0	0.00	4.65		
10-Sep-22	Sat	3380	0	0.00	4.65		
11-Sep-22	Sun	3380	0	0.00	4.65		
12-Sep-22	3	3431	51	9.27	4.96		
13-Sep-22	1	3431	0	0.00	4.96		
14-Sep-22	1	3431	0	0.00	4.96		
15-Sep-22	1	3431	0	0.00	4.96		
16-Sep-22	1	3431	0	0.00	4.96		
17-Sep-22	Sat	3431	0	0.00	4.96		
18-Sep-22	Sun	3431	0	0.00	4.96		
19-Sep-22	3	3431	0	0.00	4.96		
20-Sep-22	1	3431	0	0.00	4.96		
21-Sep-22	1	3431	0	0.00	2.15		
22-Sep-22	1	3431	0	0.00	2.15		
23-Sep-22	1	3431	0	0.00	2.15		
24-Sep-22	Sat	3431	0	0.00	2.15		
25-Sep-22	Sun	3431	0	0.00	2.15		
26-Sep-22	3	3575	144	26.18	3.02		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1998 CELL Comments
27-Sep-22	1	3575	0	0.00	3.02		
28-Sep-22	1	3575	0	0.00	1.54		
29-Sep-22	1	3575	0	0.00	1.54		
30-Sep-22	1	3575	0	0.00	1.54		
1-Oct-22	Sat	3575	0	0.00	1.54		
2-Oct-22	Sun	3575	0	0.00	1.54		
3-Oct-22	3	3646	71	12.91	1.97		
4-Oct-22	1	3646	0	0.00	1.97		
5-Oct-22	1	3646	0	0.00	1.97		
6-Oct-22	1	3646	0	0.00	1.61		
7-Oct-22	1	3646	0	0.00	1.61		
8-Oct-22	Sat	3646	0	0.00	1.61		
9-Oct-22	Sun	3646	0	0.00	1.61		
10-Oct-22	3	3740	94	17.09	2.18		
11-Oct-22	1	3740	0	0.00	2.18		
12-Oct-22	1	3740	0	0.00	1.87		
13-Oct-22	1	3740	0	0.00	1.87		
14-Oct-22	1	3740	0	0.00	1.87		
15-Oct-22	Sat	3740	0	0.00	1.87		
16-Oct-22	Sun	3740	0	0.00	1.87		
17-Oct-22	3	3834	94	17.09	2.44		
18-Oct-22	1	3834	0	0.00	2.44		
19-Oct-22	1	3834	0	0.00	2.44		
20-Oct-22	1	3834	0	0.00	2.44		
21-Oct-22	1	3834	0	0.00	2.44		
22-Oct-22	Sat	3834	0	0.00	2.44		
23-Oct-22	Sun	3834	0	0.00	2.44		
24-Oct-22	3	3945	111	20.18	3.12		
25-Oct-22	1	3945	0	0.00	3.12		
26-Oct-22	1	3945	0	0.00	2.24		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
27-Oct-22	1	3945	0	0.00	2.24		
28-Oct-22	1	3945	0	0.00	2.24		
29-Oct-22	Sat	3945	0	0.00	2.24		
30-Oct-22	Sun	3945	0	0.00	2.24		
31-Oct-22	3	4033	88	16.00	2.78		
1-Nov-22	1	4033	0	0.00	2.78		
2-Nov-22	1	4033	0	0.00	2.35		
3-Nov-22	1	4033	0	0.00	2.35		
4-Nov-22	1	4033	0	0.00	2.35		
5-Nov-22	Sat	4033	0	0.00	2.35		
6-Nov-22	Sun	4033	0	0.00	2.35		
7-Nov-22	3	4116	83	15.09	2.85		
8-Nov-22	1	4116	0	0.00	2.85		
9-Nov-22	1	4116	0	0.00	2.28		
10-Nov-22	1	4116	0	0.00	2.28		
11-Nov-22	1	4116	0	0.00	2.28		
12-Nov-22	Sat	4116	0	0.00	2.28		
13-Nov-22	Sun	4116	0	0.00	2.28		
14-Nov-22	3	4203	87	15.82	2.81		
15-Nov-22	1	4203	0	0.00	2.81		
16-Nov-22	1	4203	0	0.00	2.24		
17-Nov-22	1	4203	0	0.00	2.24		
18-Nov-22	1	4203	0	0.00	2.24		
19-Nov-22	Sat	4203	0	0.00	2.24		
20-Nov-22	Sun	4203	0	0.00	2.24		
21-Nov-22	3	4203	0	0.00	2.24		
22-Nov-22	1	4203	0	0.00	2.24		
23-Nov-22	1	4203	0	0.00	1.56		
24-Nov-22	Holiday	4203	0	0.00	1.56		
25-Nov-22	Holiday	4203	0	0.00	1.56		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1998 EELL Comments
26-Nov-22	Sat	4203	0	0.00	1.56		
27-Nov-22	Sun	4203	0	0.00	1.56		
28-Nov-22	5	4203	0	0.00	1.56		
29-Nov-22	1	4203	0	0.00	1.56		
30-Nov-22	1	4405	202	36.73	2.25		
1-Dec-22	1	4405	0	0.00	2.25		
2-Dec-22	1	4405	0	0.00	2.25		
3-Dec-22	Sat	4405	0	0.00	2.25		
4-Dec-22	Sun	4405	0	0.00	2.25		
5-Dec-22	3	4447	42	7.64	2.51		
6-Dec-22	1	4447	0	0.00	2.51		
7-Dec-22	1	4447	0	0.00	2.01		
8-Dec-22	1	4447	0	0.00	2.01		
9-Dec-22	1	4447	0	0.00	2.01		
10-Dec-22	Sat	4447	0	0.00	2.01		
11-Dec-22	Sun	4447	0	0.00	2.01		
12-Dec-22	3	4447	0	0.00	2.01		
13-Dec-22	1	4447	0	0.00	2.01		
14-Dec-22	1	4447	0	0.00	1.48		
15-Dec-22	1	4447	0	0.00	1.48		
16-Dec-22	1	4501	54	9.82	1.81		
17-Dec-22	Sat	4501	0	0.00	1.81		
18-Dec-22	Sun	4501	0	0.00	1.81		
19-Dec-22	3	4510	9	1.64	1.86		
20-Dec-22	1	4510	0	0.00	1.86		
21-Dec-22	1	4510	0	0.00	1.86		
22-Dec-22	1	4510	0	0.00	1.86		
23-Dec-22	1	4510	0	0.00	1.86		
24-Dec-22	Sat	4510	0	0.00	1.86		
25-Dec-22	Sun	4510	0	0.00	1.86		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #3 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 5.5	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	1996 CELL Comments
26-Dec-22	Holiday	4510	0	0.00	1.86		
27-Dec-22	4	4550	40	7.27	2.10		
28-Dec-22	1	4550	0	0.00	2.10		
29-Dec-22	1	4550	0	0.00	2.10		
30-Dec-22	1	4550	0	0.00	0.88		
31-Dec-22	Sat	4550	0	0.00	0.88		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
1-Dec-21	1	68856	0	0.00	2.50		
2-Dec-21	1	68856	0	0.00	2.50		
3-Dec-21	1	68856	0	0.00	2.50		
4-Dec-21	Sat	68856	0	0.00	2.50		
5-Dec-21	Sun	68856	0	0.00	2.50		
6-Dec-21	3	68856	0	0.00	2.50		
7-Dec-21	1	68856	0	0.00	2.50		
8-Dec-21	1	68856	0	0.00	2.50		
9-Dec-21	1	69219	363	74.08	4.97		
10-Dec-21	1	69219	0	0.00	4.97		
11-Dec-21	Sat	69219	0	0.00	4.97		
12-Dec-21	Sun	69219	0	0.00	2.48		
13-Dec-21	3	69219	0	0.00	2.48		
14-Dec-21	1	69219	0	0.00	2.48		
15-Dec-21	1	69219	0	0.00	2.48		
16-Dec-21	1	69219	0	0.00	2.48		
17-Dec-21	1	69219	0	0.00	2.48		
18-Dec-21	Sat	69219	0	0.00	2.48		
19-Dec-21	Sun	69219	0	0.00	2.48		
20-Dec-21	3	69219	0	0.00	2.48		
21-Dec-21	1	69219	0	0.00	2.48		
22-Dec-21	1	69219	0	0.00	2.48		
23-Dec-21	1	69219	0	0.00	2.48		
24-Dec-21	Holiday	69219	0	0.00	2.47		
25-Dec-21	Sat	69219	0	0.00	2.47		
26-Dec-21	Sun	69219	0	0.00	2.47		
27-Dec-21	4	69219	0	0.00	2.47		
28-Dec-21	1	70035	816	166.53	8.02		Both pumps short cycling in auto. Reset panel, seems ok.
29-Dec-21	1	70035	0	0.00	8.02		
30-Dec-21	1	70035	0	0.00	8.02		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
31-Dec-21	1	70035	0	0.00	8.02	1179.00	Month End
1-Jan-22	Sat	70035	0	0.00	8.02		
2-Jan-22	Sun	70035	0	0.00	8.02		
3-Jan-22	3	70035	0	0.00	8.02		
4-Jan-22	1	70035	0	0.00	8.02		
5-Jan-22	1	70035	0	0.00	8.02		
6-Jan-22	1	70035	0	0.00	8.02		
7-Jan-22	1	70035	0	0.00	8.02		
8-Jan-22	Sat	70035	0	0.00	5.55		
9-Jan-22	Sun	70035	0	0.00	5.55		
10-Jan-22	3	70035	0	0.00	5.55		
11-Jan-22	1	70035	0	0.00	5.55		
12-Jan-22	1	70035	0	0.00	5.55		
13-Jan-22	1	70035	0	0.00	5.55		
14-Jan-22	1	70035	0	0.00	5.55		
15-Jan-22	Sat	70035	0	0.00	5.55		
16-Jan-22	Sun	70035	0	0.00	5.55		
17-Jan-22	3	70035	0	0.00	5.55		
18-Jan-22	1	70035	0	0.00	5.55		
19-Jan-22	1	70035	0	0.00	5.55		
20-Jan-22	1	70035	0	0.00	5.55		
21-Jan-22	1	70035	0	0.00	5.55		
22-Jan-22	Sat	70035	0	0.00	5.55		
23-Jan-22	Sun	70035	0	0.00	5.55		
24-Jan-22	3	70035	0	0.00	5.55		
25-Jan-22	1	70035	0	0.00	5.55		
26-Jan-22	1	70035	0	0.00	5.55		
27-Jan-22	1	70035	0	0.00	0.00		
28-Jan-22	1	70035	0	0.00	0.00		
29-Jan-22	Sat	70035	0	0.00	0.00		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
30-Jan-22	Sun	70035	0	0.00	0.00		
31-Jan-22	3	70035	0	0.00	0.00		
1-Feb-22	1	70035	0	0.00	0.00		
2-Feb-22	1	70035	0	0.00	0.00		
3-Feb-22	1	70035	0	0.00	0.00		
4-Feb-22	1	70035	0	0.00	0.00		
5-Feb-22	Sat	70035	0	0.00	0.00		
6-Feb-22	Sun	70035	0	0.00	0.00		
7-Feb-22	3	70035	0	0.00	0.00		
8-Feb-22	1	70035	0	0.00	0.00		
9-Feb-22	1	70035	0	0.00	0.00		
10-Feb-22	1	70035	0	0.00	0.00		
11-Feb-22	1	70035	0	0.00	0.00		
12-Feb-22	Sat	70035	0	0.00	0.00		
13-Feb-22	Sun	70035	0	0.00	0.00		
14-Feb-22	3	70035	0	0.00	0.00		
15-Feb-22	1	70035	0	0.00	0.00		
16-Feb-22	1	70035	0	0.00	0.00		
17-Feb-22	1	70401	366	74.69	2.49		
18-Feb-22	1	70401	0	0.00	2.49		
19-Feb-22	Sat	70401	0	0.00	2.49		
20-Feb-22	Sun	70401	0	0.00	2.49		
21-Feb-22	Holiday	70401	0	0.00	2.49		
22-Feb-22	4	70401	0	0.00	2.49		
23-Feb-22	1	70876	475	96.94	5.72		
24-Feb-22	1	70876	0	0.00	5.72		
25-Feb-22	1	70876	0	0.00	5.72		
26-Feb-22	Sat	70876	0	0.00	5.72		
27-Feb-22	Sun	70876	0	0.00	5.72		
28-Feb-22	3	70876	0	0.00	5.72		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
1-Mar-22	1	71266	390	79.59	8.37		Both pumps short cycling in auto. Reset panel, seems ok.
2-Mar-22	1	71266	0	0.00	8.37		
3-Mar-22	1	71266	0	0.00	8.37		
4-Mar-22	1	71268	2	0.41	8.39		
5-Mar-22	Sat	71268	0	0.00	8.39		
6-Mar-22	Sun	71268	0	0.00	8.39		
7-Mar-22	3	71268	0	0.00	8.39		
8-Mar-22	1	71268	0	0.00	8.39		
9-Mar-22	1	71268	0	0.00	8.39		
10-Mar-22	1	71268	0	0.00	8.39		
11-Mar-22	1	71268	0	0.00	8.39		
12-Mar-22	Sat	71268	0	0.00	8.39		
13-Mar-22	Sun	71268	0	0.00	8.39		
14-Mar-22	3	71268	0	0.00	8.39		
15-Mar-22	1	71268	0	0.00	8.39		
16-Mar-22	1	71268	0	0.00	8.39		
17-Mar-22	1	71268	0	0.00	8.39		
18-Mar-22	1	71268	0	0.00	8.39		
19-Mar-22	Sat	71268	0	0.00	5.90		
20-Mar-22	Sun	71268	0	0.00	5.90		
21-Mar-22	3	71268	0	0.00	5.90		
22-Mar-22	1	71268	0	0.00	5.90		
23-Mar-22	1	71268	0	0.00	5.90		
24-Mar-22	1	71268	0	0.00	5.90		
25-Mar-22	1	71268	0	0.00	2.67		
26-Mar-22	Sat	71268	0	0.00	2.67		
27-Mar-22	Sun	71268	0	0.00	2.67		
28-Mar-22	3	71268	0	0.00	2.67		
29-Mar-22	1	71268	0	0.00	2.67		
30-Mar-22	1	71268	0	0.00	2.67		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
31-Mar-22	1	71268	0	0.00	0.01		
1-Apr-22	1	71268	0	0.00	0.01		
2-Apr-22	Sat	71268	0	0.00	0.01		
3-Apr-22	Sun	71268	0	0.00	0.00		
4-Apr-22	3	71268	0	0.00	0.00		
5-Apr-22	1	71755	487	99.39	3.31		
6-Apr-22	1	71755	0	0.00	3.31		
7-Apr-22	1	71755	0	0.00	3.31		
8-Apr-22	1	71755	0	0.00	3.31		
9-Apr-22	Sat	71755	0	0.00	3.31		
10-Apr-22	Sun	71755	0	0.00	3.31		
11-Apr-22	3	71755	0	0.00	3.31		
12-Apr-22	1	71755	0	0.00	3.31		
13-Apr-22	1	71758	3	0.61	3.33		
14-Apr-22	1	71758	0	0.00	3.33		
15-Apr-22	1	71758	0	0.00	3.33		
16-Apr-22	Sat	71758	0	0.00	3.33		
17-Apr-22	Sun	71758	0	0.00	3.33		
18-Apr-22	3	72236	478	97.55	6.59		
19-Apr-22	1	72236	0	0.00	6.59		
20-Apr-22	1	72236	0	0.00	6.59		
21-Apr-22	1	72236	0	0.00	6.59		
22-Apr-22	1	72236	0	0.00	6.59		
23-Apr-22	Sat	72236	0	0.00	6.59		
24-Apr-22	Sun	72236	0	0.00	6.59		
25-Apr-22	3	72236	0	0.00	6.59		
26-Apr-22	1	72236	0	0.00	6.59		
27-Apr-22	1	72236	0	0.00	6.59		
28-Apr-22	1	72236	0	0.00	6.59		
29-Apr-22	1	72236	0	0.00	6.59		Primary pump failed-rpl w/

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volumn Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2016 CELL Comments
30-Apr-22	Sat	72236	0	0.00	6.59		secondary pp
1-May-22	Sun	72236	0	0.00	6.59		
2-May-22	3	72236	0	0.00	6.59		
3-May-22	1	72236	0	0.00	6.59		
4-May-22	1	72236	0	0.00	6.59		
5-May-22	1	72236	0	0.00	3.27		
6-May-22	1	72236	0	0.00	3.27		Reinstalled secondary pp
7-May-22	Sat	72236	0	0.00	3.27		
8-May-22	Sun	72236	0	0.00	3.27		
9-May-22	3	72236	0	0.00	3.27		
10-May-22	1	72236	0	0.00	3.27		
11-May-22	1	72236	0	0.00	3.27		
12-May-22	1	72987	751	153.27	8.38		
13-May-22	1	72987	0	0.00	8.36		
14-May-22	Sat	72987	0	0.00	8.36		
15-May-22	Sun	72987	0	0.00	8.36		
16-May-22	3	72987	0	0.00	8.36		
17-May-22	1	72987	0	0.00	8.36		
18-May-22	1	73277	290	59.18	7.08		
19-May-22	1	73277	0	0.00	7.08		
20-May-22	1	73277	0	0.00	7.08		
21-May-22	Sat	73277	0	0.00	7.08		
22-May-22	Sun	73277	0	0.00	7.08		
23-May-22	3	73278	1	0.20	7.09		
24-May-22	1	73278	0	0.00	7.09		
25-May-22	1	73279	1	0.20	7.10		
26-May-22	1	73279	0	0.00	7.10		
27-May-22	1	73279	0	0.00	7.10		
28-May-22	Sat	73279	0	0.00	7.10		
29-May-22	Sun	73279	0	0.00	7.10		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
30-May-22	Holiday	73279	0	0.00	7.10		
31-May-22	4	73279	0	0.00	7.10		
1-Jun-22	1	73522	243	49.59	8.75		
2-Jun-22	1	73524	2	0.41	8.76		
3-Jun-22	1	73524	0	0.00	8.76		
4-Jun-22	Sat	73524	0	0.00	8.76		
5-Jun-22	Sun	73524	0	0.00	8.76		
6-Jun-22	3	73524	0	0.00	8.76		
7-Jun-22	1	73524	0	0.00	8.76		
8-Jun-22	1	73524	0	0.00	8.76		
9-Jun-22	1	73762	238	48.57	10.38		
10-Jun-22	1	73762	0	0.00	10.38		
11-Jun-22	Sat	73762	0	0.00	5.27		
12-Jun-22	Sun	73762	0	0.00	5.27		
13-Jun-22	3	73762	0	0.00	5.27		
14-Jun-22	1	73762	0	0.00	5.27		
15-Jun-22	1	73762	0	0.00	5.27		
16-Jun-22	1	73762	0	0.00	5.27		
17-Jun-22	1	73762	0	0.00	3.30		
18-Jun-22	Sat	73762	0	0.00	3.30		
19-Jun-22	Sun	73762	0	0.00	3.30		
20-Jun-22	3	73963	201	41.02	4.67		
21-Jun-22	1	73963	0	0.00	4.67		
22-Jun-22	1	73963	0	0.00	4.66		
23-Jun-22	1	73963	0	0.00	4.66		
24-Jun-22	1	73963	0	0.00	4.65		
25-Jun-22	Sat	73963	0	0.00	4.65		
26-Jun-22	Sun	73963	0	0.00	4.65		
27-Jun-22	3	74151	188	38.37	5.93		
28-Jun-22	1	74151	0	0.00	5.93		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
29-Jun-22	1	74151	0	0.00	5.93		
30-Jun-22	1	74151	0	0.00	5.93		
1-Jul-22	1	74151	0	0.00	4.28		
2-Jul-22	Sat	74151	0	0.00	4.27		
3-Jul-22	Sun	74151	0	0.00	4.27		
4-Jul-22	3	74151	0	0.00	4.27		
5-Jul-22	1	74152	1	0.20	4.27		
6-Jul-22	1	74152	0	0.00	4.27		
7-Jul-22	1	74152	0	0.00	4.27		
8-Jul-22	1	74152	0	0.00	4.27		
9-Jul-22	Sat	74152	0	0.00	2.65		
10-Jul-22	Sun	74152	0	0.00	2.65		
11-Jul-22	3	74347	195	39.80	3.98		
12-Jul-22	1	74347	0	0.00	3.98		
13-Jul-22	1	74347	0	0.00	3.98		
14-Jul-22	1	74347	0	0.00	3.98		
15-Jul-22	1	74347	0	0.00	3.98		
16-Jul-22	Sat	74347	0	0.00	3.98		
17-Jul-22	Sun	74347	0	0.00	3.98		
18-Jul-22	3	74347	0	0.00	3.98		
19-Jul-22	1	74347	0	0.00	3.98		
20-Jul-22	1	74348	1	0.20	2.62		
21-Jul-22	1	74348	0	0.00	2.62		
22-Jul-22	1	74348	0	0.00	2.62		
23-Jul-22	Sat	74348	0	0.00	2.62		
24-Jul-22	Sun	74348	0	0.00	2.62		
25-Jul-22	3	74545	197	40.20	3.96		
26-Jul-22	1	74545	0	0.00	3.96		
27-Jul-22	1	74545	0	0.00	2.68		
28-Jul-22	1	74545	0	0.00	2.68		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 Cell Comments
29-Jul-22	1	74545	0	0.00	2.68		
30-Jul-22	Sat	74545	0	0.00	2.68		
31-Jul-22	Sun	74545	0	0.00	2.68		
1-Aug-22	3	74546	1	0.20	2.69		
2-Aug-22	1	74546	0	0.00	2.69		
3-Aug-22	1	74546	0	0.00	2.69		
4-Aug-22	1	74546	0	0.00	2.68		
5-Aug-22	1	74546	0	0.00	2.68		
6-Aug-22	Sat	74546	0	0.00	2.68		
7-Aug-22	Sun	74546	0	0.00	2.68		
8-Aug-22	3	74546	0	0.00	2.68		
9-Aug-22	1	74546	0	0.00	2.68		
10-Aug-22	1	74546	0	0.00	1.35		
11-Aug-22	1	74546	0	0.00	1.35		
12-Aug-22	1	74546	0	0.00	1.35		
13-Aug-22	Sat	74546	0	0.00	1.35		
14-Aug-22	Sun	74546	0	0.00	1.35		
15-Aug-22	3	74546	0	0.00	1.35		
16-Aug-22	1	74546	0	0.00	1.35		
17-Aug-22	1	74546	0	0.00	1.35		
18-Aug-22	1	74546	0	0.00	1.35		
19-Aug-22	1	74546	0	0.00	1.35		
20-Aug-22	Sat	74546	0	0.00	1.35		
21-Aug-22	Sun	74546	0	0.00	1.35		
22-Aug-22	3	74745	199	40.61	2.70		
23-Aug-22	1	74745	0	0.00	2.70		
24-Aug-22	1	74745	0	0.00	1.36		
25-Aug-22	1	74745	0	0.00	1.36		
26-Aug-22	1	74745	0	0.00	1.36		
27-Aug-22	Sat	74745	0	0.00	1.36		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
28-Aug-22	Sun	74745	0	0.00	1.36		
29-Aug-22	3	74745	0	0.00	1.36		
30-Aug-22	1	74745	0	0.00	1.36		
31-Aug-22	1	74745	0	0.00	1.35		
1-Sep-22	1	74745	0	0.00	1.35		
2-Sep-22	1	74745	0	0.00	1.35		
3-Sep-22	Sat	74745	0	0.00	1.35		
4-Sep-22	Sun	74745	0	0.00	1.35		
5-Sep-22	Holiday	74745	0	0.00	1.35		
6-Sep-22	4	74941	196	40.00	2.69		
7-Sep-22	1	74941	0	0.00	2.69		
8-Sep-22	1	74941	0	0.00	2.69		
9-Sep-22	1	74941	0	0.00	2.69		
10-Sep-22	Sat	74941	0	0.00	2.69		
11-Sep-22	Sun	74941	0	0.00	2.69		
12-Sep-22	3	74941	0	0.00	2.69		
13-Sep-22	1	74941	0	0.00	2.69		
14-Sep-22	1	74941	0	0.00	2.69		
15-Sep-22	1	74941	0	0.00	2.69		
16-Sep-22	1	74941	0	0.00	2.69		
17-Sep-22	Sat	74941	0	0.00	2.69		
18-Sep-22	Sun	74941	0	0.00	2.69		
19-Sep-22	3	74941	0	0.00	2.69		
20-Sep-22	1	74941	0	0.00	2.69		
21-Sep-22	1	74941	0	0.00	1.33		
22-Sep-22	1	74941	0	0.00	1.33		
23-Sep-22	1	74941	0	0.00	1.33		
24-Sep-22	Sat	74941	0	0.00	1.33		
25-Sep-22	Sun	74941	0	0.00	1.33		
26-Sep-22	3	75138	197	40.20	2.67		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
27-Sep-22	1	75138	0	0.00	2.67		
28-Sep-22	1	75138	0	0.00	2.67		
29-Sep-22	1	75138	0	0.00	2.67		
30-Sep-22	1	75138	0	0.00	2.67		
1-Oct-22	Sat	75138	0	0.00	2.67		
2-Oct-22	Sun	75138	0	0.00	2.67		
3-Oct-22	3	75138	0	0.00	2.67		
4-Oct-22	1	75138	0	0.00	2.67		
5-Oct-22	1	75138	0	0.00	2.67		
6-Oct-22	1	75138	0	0.00	1.34		
7-Oct-22	1	75138	0	0.00	1.34		
8-Oct-22	Sat	75138	0	0.00	1.34		
9-Oct-22	Sun	75138	0	0.00	1.34		
10-Oct-22	3	75330	192	39.18	2.65		
11-Oct-22	1	75330	0	0.00	2.65		
12-Oct-22	1	75330	0	0.00	2.65		
13-Oct-22	1	75330	0	0.00	2.65		
14-Oct-22	1	75330	0	0.00	2.65		
15-Oct-22	Sat	75330	0	0.00	2.65		
16-Oct-22	Sun	75330	0	0.00	2.65		
17-Oct-22	3	75526	196	40.00	3.98		
18-Oct-22	1	75526	0	0.00	3.98		
19-Oct-22	1	75526	0	0.00	3.98		
20-Oct-22	1	75526	0	0.00	3.98		
21-Oct-22	1	75526	0	0.00	3.98		
22-Oct-22	Sat	75526	0	0.00	3.98		
23-Oct-22	Sun	75526	0	0.00	3.98		
24-Oct-22	3	75527	1	0.20	3.99		
25-Oct-22	1	75527	0	0.00	3.99		
26-Oct-22	1	75527	0	0.00	2.65		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
27-Oct-22	1	75527	0	0.00	2.65		
28-Oct-22	1	75527	0	0.00	2.65		
29-Oct-22	Sat	75527	0	0.00	2.65		
30-Oct-22	Sun	75527	0	0.00	2.65		
31-Oct-22	3	75527	0	0.00	2.65		
1-Nov-22	1	75527	0	0.00	2.65		
2-Nov-22	1	75527	0	0.00	2.65		
3-Nov-22	1	75527	0	0.00	2.65		
4-Nov-22	1	75527	0	0.00	2.65		
5-Nov-22	Sat	75527	0	0.00	2.65		
6-Nov-22	Sun	75527	0	0.00	2.65		
7-Nov-22	3	75729	202	41.22	4.02		
8-Nov-22	1	75729	0	0.00	4.02		
9-Nov-22	1	75729	0	0.00	2.71		
10-Nov-22	1	75729	0	0.00	2.71		
11-Nov-22	1	75729	0	0.00	2.71		
12-Nov-22	Sat	75729	0	0.00	2.71		
13-Nov-22	Sun	75729	0	0.00	2.71		
14-Nov-22	3	75729	0	0.00	2.71		
15-Nov-22	1	75729	0	0.00	2.71		
16-Nov-22	1	75729	0	0.00	1.38		
17-Nov-22	1	75729	0	0.00	1.38		
18-Nov-22	1	75729	0	0.00	1.38		
19-Nov-22	Sat	75729	0	0.00	1.38		
20-Nov-22	Sun	75729	0	0.00	1.38		
21-Nov-22	3	75729	0	0.00	1.38		
22-Nov-22	1	75729	0	0.00	1.38		
23-Nov-22	1	75729	0	0.00	1.37		
24-Nov-22	Holiday	75729	0	0.00	1.37		
25-Nov-22	Holiday	75981	252	51.43	3.09		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Gal)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
26-Nov-22	Sat	75981	0	0.00	3.09		
27-Nov-22	Sun	75981	0	0.00	3.09		
28-Nov-22	5	75981	0	0.00	3.09		
29-Nov-22	1	75981	0	0.00	3.09		
30-Nov-22	1	75981	0	0.00	3.09		
1-Dec-22	1	76321	340	69.39	5.40		
2-Dec-22	1	76321	0	0.00	5.40		
3-Dec-22	Sat	76321	0	0.00	5.40		
4-Dec-22	Sun	76321	0	0.00	5.40		
5-Dec-22	3	76322	1	0.20	5.41		
6-Dec-22	1	76322	0	0.00	5.41		
7-Dec-22	1	76322	0	0.00	4.03		
8-Dec-22	1	76322	0	0.00	4.03		
9-Dec-22	1	76322	0	0.00	4.03		
10-Dec-22	Sat	76322	0	0.00	4.03		
11-Dec-22	Sun	76322	0	0.00	4.03		
12-Dec-22	3	76322	0	0.00	4.03		
13-Dec-22	1	76511	189	38.57	5.32		
14-Dec-22	1	76511	0	0.00	5.32		
15-Dec-22	1	76511	0	0.00	5.32		
16-Dec-22	1	76511	0	0.00	5.32		
17-Dec-22	Sat	76511	0	0.00	5.32		
18-Dec-22	Sun	76511	0	0.00	5.32		
19-Dec-22	3	76511	0	0.00	5.32		
20-Dec-22	1	76511	0	0.00	5.32		
21-Dec-22	1	76511	0	0.00	5.32		
22-Dec-22	1	76511	0	0.00	5.32		
23-Dec-22	1	76511	0	0.00	5.32		
24-Dec-22	Sat	76511	0	0.00	5.32		
25-Dec-22	Sun	76511	0	0.00	3.61		

Secondary Leachate Collection Flow Rate Chart
Bristol Hill Landfill Cell #4 2022

2022	Time Since Prior Reading	Meter Readings (Gal)	Volume Pumped Since Prior Reading (Ga)	Volume Pumped Divided by Acres 4.9	30 - Day Average Leakage Rate (Gal/Acre/Day)	Total Gals Pumped Per Month	2015 CELL Comments
26-Dec-22	Holiday	76511	0	0.00	3.61		
27-Dec-22	4	76891	380	77.55	6.19		
28-Dec-22	1	76891	0	0.00	6.19		
29-Dec-22	1	76891	0	0.00	6.19		
30-Dec-22	1	76891	0	0.00	6.19		
31-Dec-22	Sat	76891	0	0.00	3.88		

SECTION 5 – BENEFICIAL USE DETERMINATION MATERIALS AND ALTERNATIVE OPERATING COVER MATERIALS

For each type of waste material that the Department has approved for use as alternative operating cover (AOC), intermediate cover, or other landfill material: provide the annual weight in tons, use (i.e., operating cover, intermediate cover, etc.), and source of material. (If material is from a solid waste facility also provide facility name, address, NYS Planning Unit, County/ Province, and State/Country.) **Refer to the list of NYS Planning Units that can be found at the end of this report.**

Type of Solid Waste	Weight (tons/year)	Use	NYS Planning Unit (See Attached List of NYS Planning Units)	County or Province	State or Country	Source (Facility and Address)
Aggregate/Concrete						
Contaminated Soil	5606.7	AOC	Oswego County	Oswego	NY	Direct Haul
Foundry Sand						
Glass						
Industrial Waste (specify)						
MSW Energy Recovery Ash	8796.6	AOC	Oswego County	Oswego	NY	OCERF, 2801 NYS-481, Fulton, NY
MSW Ash						
Wood Ash						
Paper Mill Sludge						
Processed C&D						
Waste Tire-Derived Aggregate /						
Waste Tires						
Other (specify)						
Total AOC	14403.3					
Total Beneficial Use Determination Materials	14403.3					

Percent Alternative Operating Cover (AOC) Calculation

AOC Calculations: Total Tons AOC/Total Tons Waste Disposed x 100 = 25%

Please note the calculation is: Tons AOC (from table above)/Tons Solid Waste (from table in Section 6) x 100 and **Not**: Tons AOC / (Tons Solid Waste + AOC) x 100

SECTION 6 - SOLID WASTE DISPOSED

Provide the tonnages of solid waste disposed. Exclude Beneficial Use Material amounts reported in Section 5 and Recyclable Material amounts reported in Section 9. Specify the methods used to measure the quantities disposed and the percentages measured by each method:

100 % Scale Weight _____% Estimated

_____% Truck Count _____% Other (Specify: _____)

Type of Solid Waste	January (tons)	February (tons)	March (tons)	April (tons)	May (tons)	June (tons)	July (tons)
Asbestos	74.82	134.96	61.11	235.7	183.18	194.51	28.6
Ash (Coal)	0	0	0	0	0	0	0
Ash (MSW Energy Recovery)	1182.61	385.24	721.27	884.27	686.44	968.70	907.59
Construction & Demolition Debris (mixed)	623.96	630.38	1213.70	1216.28	1325.00	1373.87	1143.11
Industrial Waste (including Industrial Process Sludges)	450.05	413.08	509.18	479.36	474.33	638.93	431.70
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	207.78	767.58	1168.65	1273.68	2304.02	2214.84	900.65
Oil/Gas Drilling Waste	0	0	0	0	0	0	0
Petroleum Contaminated Soil	0	0	0	0	0	0	0
Sewage Treatment Plant Sludge	247.93	247.84	336.49	424.03	357.05	292.16	921.47
Treated Regulated Medical Waste	0	0	0	0	0	0	0
Emergency Authorization Waste (Storm Debris)	0	0	0	0	0	0	0
Other (specify) Fish	0	0	0	2.39	2.63	1.41	7.5
Total Tons Disposed	2787.2	2579.1	4010.4	4515.7	5332.7	5684.4	4340.9

SECTION 6 - SOLID WASTE DISPOSED (continued)

Type of Solid Waste	Tip Fee ($/Ton)	August (tons)	September (tons)	October (tons)	November (tons)	December (tons)	Total Year (tons)	Daily Avg. (tons)
Asbestos	100	20.24	15.37	0	2.58	85.1	1016.17	3.88
Ash (Coal)	0	0	0	0	0	0	0	0
Ash (MSW Energy Recovery)	0	1504.96	533.81	1148.12	436.16	133.42	9492.62	36.23
Construction & Demolition Debris (mixed)	60	991.61	1106.50	1035.40	1028.61	674.51	12362.94	47.19
Industrial Waste (Including Industrial Process Sludges)	75	659.76	639.75	560.82	595.40	427.21	6249.57	23.97
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	75	1834.05	2655.31	1726.25	5051.90	3460.60	23565.61	29.95
Oil/Gas Drilling Waste	0	0	0	0	0	0	0	0
Petroleum Contaminated Soil	30	0	0	0	0	0	0	0
Sewage Treatment Plant Sludge	75	580.31	352.05	358.49	252.41	450.64	4820.87	18.4
Treated Regulated Medical Waste	0	0	0	0	0	0	0	0
Emergency Authorization Waste (Storm Debris)	0	0	0	0	0	0	0	0
Other (~~Ash~~)	30	10.98	13.78	30.66	5.93	0	75.28	0.29
Total Tons Disposed		5601.9	5316.6	4859.7	7373	5221.5	57613.06	219.90

SECTION 7 – SERVICE AREA OF SOLID WASTE RECEIVED

Please identify where the waste is coming from. The total tons received reported below should equal the total tons received in Section 5 (Solid Waste Disposed) DO NOT REPORT IN CUBIC YARDS!

- If the waste ***WAS*** received from another solid waste management facility, please write in the name *and* address of the facility along with the appropriate state, county and planning unit/municipality.
- If the waste ***WAS NOT*** received from another solid waste management facility, please write in "***Direct Haul***" along with the appropriate state, county and planning unit/municipality where the waste was generated.

Specify transport method and percentages of total waste transported by each:

100 % Road _____% Rail _____% Water _____% Other (specify:_____)

Explain which waste types and service areas below are included in these transport methods _____

SERVICE AREA OF SOLID WASTE RECEIVED					
TYPE OF SOLID WASTE	**SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address) OR "Direct Haul"**	**SERVICE AREA STATE OR COUNTRY**	**SERVICE AREA COUNTY OR PROVINCE**	**SERVICE AREA NYS PLANNING UNIT (See Attached List of NYS Planning Units)**	**TONS RECEIVED**
Asbestos	Direct Haul	NY	Oswego	Oswego County	1016.17
Ash (Coal)					
Ash (MSW Energy Recovery)	OCERF, 2801 NYS-481, Fulton, NY	NY	Oswego	Oswego County	9492.62
Construction & Demolition Debris (mixed)	Direct Haul	NY	Oswego	Oswego County	12362.94

SERVICE AREA OF SOLID WASTE RECEIVED					
TYPE OF SOLID WASTE	SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address) OR "Direct Haul"	SERVICE AREA STATE OR COUNTRY	SERVICE AREA COUNTY OR PROVINCE	SERVICE AREA NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECEIVED
Industrial Waste (Including Industrial Process Sludges)	Direct Haul	NY	Oswego	Oswego County	6279.57
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	Direct Haul	NY	Oswego	Oswego County	23565.61
Oil/Gas Drilling Waste					
Petroleum Contaminated Soil					
Sewage Treatment Plant Sludge	Direct Haul	NY	Oswego	Oswego County	4820.87
Treated Regulated Medical Waste (TRMW)*					
Emergency Authorization Waste (Storm Debris)					
Other (specify)					
Fish	Direct Haul	NY	Oswego	Oswego County	75.28
				TOTAL RECEIVED (tons):	57613.06

* List generators that provide you Certificates of Treatment forms and quantities of TRMW from each n/a

SECTION 8 –LANDFILL RECYCLABLE & RECOVERED MATERIALS

Is your facility also a permitted or registered Recyclables Handling & Recovery Facility?

■ Yes; Complete Section 9 for material recovered from the mixed solid waste stream. Complete a Recyclables Handling & Recovery Facility (RHRF) form for material received as source separated. The RHRF form is located at: http://www.dec.ny.gov/chemical/52706.html

☐ No; Complete Section 9 for material recovered from the mixed solid waste stream and for material received as source separated.

A. Service Area of Recyclable Material Received

Please identify where the recyclable materials are coming from. DO NOT REPORT IN CUBIC YARDS!

- If the materials ***WERE*** received from another solid waste management facility, please write in the name and address of the facility along with the appropriate state, county and planning unit/municipality.
- If the materials ***WERE NOT*** received from another solid waste management facility, please write in "***Direct Haul***" along with the appropriate state, county and planning unit/municipality where the recyclables were generated.

Specify transport method, list type of material(s) and percentages of total waste transported by each:

_____% Road: Waste Type(s):_____ _____% Rail: Waste Type(s):_____

_____% Water: Waste Type(s):_____ _____% Other (specify:_____): Waste Type(s):_____

SERVICE AREA OF RECYCLABLE MATERIAL RECEIVED					
MATERIAL	SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address) OR "Direct Haul"	SERVICE AREA STATE OR COUNTRY	SERVICE AREA COUNTY OR PROVINCE	SERVICE AREA NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECEIVED
Commingled Containers (metal, glass, plastic)					
Commingled Paper (all grades)					
Single Stream (total)					
Brush, Branches, Trees, & Stumps					
Food Scraps					
Yard Waste (curbside)					
Other (specify)					
				TOTAL RECEIVED (tons):	

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS

B. Material Recovered

Identify the name of the destination facility to which the material was sent from your facility, the corresponding State/Country, the County/Province, the NYS Planning Unit, and the amount of material transported. **Refer to the list of NYS Planning Units that can be found at the end of this report.** DO NOT REPORT IN CUBIC YARDS!

Specify transport method and percentages of total material transported by each:

_____% Road _____% Rail _____% Water _____% Other (specify: _____)

Explain which materials and destinations below are included in these transport methods _____

PAPER RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Commingled Paper (all grades)					
Corrugated Cardboard					
Junk Mail					
Magazines					
Newspaper					
Office Paper					
Paperboard / Boxboard					
Other Paper (specify)					
TOTAL PAPER RECOVERED (tons):					

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued)

B. Material Recovered

GLASS RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Container Glass					
Industrial Scrap Glass					
Other Glass (specify)					
				TOTAL GLASS RECOVERED (tons):	

METAL RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Aluminum Foil / Trays					
Bulk Metal (from MSW)					
Bulk Metal (from CD debris)					
Enameled Appliances / White Goods					
Industrial Scrap Metal					
Tin & Aluminum Containers					
Other Metal (specify)					
				TOTAL METAL RECOVERED (tons):	

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued)

B. Material Recovered

PLASTIC RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Mixed Plastic (#1 - #7)					
PET (plastic #1)					
HDPE (plastic #2)					
Other Rigid Plastics (#3 - #7)					
Industrial Scrap Plastic					
Plastic Film & Bags					
Other Plastics (specify)					
				TOTAL PLASTIC RECOVERED (tons):	

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued)

B. Material Recovered

MIXED MATERIAL RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Commingled Containers (metal, glass, plastic)					
Commingled Paper & Containers					
Single Stream (total)					
Other (specify)					
TOTAL MIXED MATERIAL RECOVERED (tons):					

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued)

B. Material Recovered

MISCELLANEOUS MATERIAL RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Electronics					
Textiles					
Brush, Branches, Trees, & Stumps					
Food Scraps					
Yard Waste (curbside)					
Other (specify)					
TOTAL MISCELLANEOUS MATERIAL RECOVERED (tons):					

VOLUME TO WEIGHT CONVERSION FACTORS

MATERIAL	EQUIVALENT		MATERIAL	EQUIVALENT		MATERIAL	EQUIVALENT	
GLASS – whole bottles	1 cubic yard	0.35 tons	GLASS - crushed mechanically	1 cubic yard	0.88 tons	ALUMINUM – cans – whole	1 cubic yard	0.03 tons
GLASS - semi crushed	1 cubic yard	0.70 tons	GLASS - uncrushed manually	55 gallon drum	0.16 tons	ALUMINUM – cans – flattened	1 cubic yard	0.125 tons
PAPER - high grade loose	1 cubic yard	0.18 tons	PLASTIC – PET – whole	1 cubic yard	0.015 tons			
PAPER - high grade baled	1 cubic yard	0.36 tons	PLASTIC – PET – flattened	1 cubic yard	0.04 tons			
PAPER - mixed loose	1 cubic yard	0.15 tons	PLASTIC – PET – baled	1 cubic yard	0.38 tons	WHITE GOODS – uncompacted	1 cubic yard	0.10 tons
NEWSPRINT - loose	1 cubic yard	0.29 tons	PLASTIC – styrofoam	1 cubic yard	0.02 tons	WHITE GOODS – compacted	1 cubic yard	0.5 tons
NEWSPRINT - compacted	1 cubic yard	0.43 tons	PLASTIC – HDPE – whole	1 cubic yard	0.012 tons			
CORRUGATED – loose	1 cubic yard	0.015 tons	PLASTIC – HDPE – flattened	1 cubic yard	0.03 tons			
CORRUGATED - baled	1 cubic yard	0.55 tons	PLASTIC – HDPE – baled	1 cubic yard	0.38 tons	FERROUS METAL - cans whole	1 cubic yard	0.08 tons
			PLASTIC – mixed (grocery bags)	45 gallon bag	0.01 tons	FERROUS METAL - cans	1 cubic yard	0.43 tons

SECTION 9 – UNAUTHORIZED SOLID WASTE

Has unauthorized solid waste been received at the facility during the reporting period?

☐ Yes ■ No If yes, give information below for each incident (attach additional sheets if necessary):

Date Received	Type Received	Date Disposed	Disposal Method & Location

Radiation Monitoring

Does your facility use a fixed radiation monitor? ____ Yes ■ No

Identify Manufacturer _____ and Model _____ of fixed unit.

Does your facility use a portable radiation monitor? ____ Yes ■ No

Identify Manufacturer _____ and Model _____ of portable unit.

If the radiation monitors have been triggered give information below for each incident:

Incident Number	Received		Hauler	Origin	Truck Number	Reading	Disposal Status	Removed	
	Date	Time						Date	Time

SECTION 10 - WASTE IN PLACE

Summary by Waste Type and Year

Include all active and inactive sections of the landfill. Report waste disposed annually by type, if known, in tons per year. Report total waste disposed, if breakdown of types is not available. In the case where more than one landfill section operated in a given year identify each separately, if known. If the annual amount is not available, report the quantities for a range of years. If you include amounts from old, closed landfills then clearly identify them on the table and explain below. In each row, report quantities disposed each year (or group of years if individual years unknown) for each waste type. Report cumulative WIP at bottom (sum of annual quantities disposed). Add additional sheets as necessary.

Year	MSW (tons)	Asbestos Waste (tons)	Ash (tons)	C&D Debris (tons)	Industrial Waste (tons)	Petroleum Contaminated Soil (tons)	Sewage Treatment Plant Sludge (tons)	Other (tons)	Year(s) Total (tons)	Identify Landfill Section(s) Used
See	Chart	Annexed	Next	Page						
WIP Cumulative Total										

Overall in place volume 2,732,656 cubic yards

Method for determining waste composition, if known. _____

Explain if closed landfills are included above No

Waste Summary by Landfill Section

Provide waste in place information for all landfill sections.

Number of landfill sections: 4

Original* section used (years) from 1983 to Present

Section Footprint 23.9 acres

Capped with approved final cover system Yes ■ No ____

Percent capped 72

Waste in Place: 1,122,097 Tons ____ Cubic Yards, if known

Next* section used (years) from 1992 to Present

Section Footprint 5.0 acres

Capped with approved final cover system Yes ____ No ■

Percent capped 0

Waste in Place: 550,632 Tons ____ Cubic Yards, if known

* If there are additional landfill sections, phases or cells, please provide the same waste in place information on additional sheets and attach to form.

SECTION 11 - LANDFILL GAS

Does the landfill have a landfill gas collection & control system?
Yes ■ No ____ If Yes: Active ■ Passive ____

Number of gas wells: 31

Total landfill footprint acreage 46

Total landfill acreage from which gas is collected 41

Landfill sections from which gas is collected 1983:1986

Landfill acreage from which gas is collected for energy recovery 0

Measured Methane Generation Rate*, k ____

Measured Potential Methane Generation Capacity*, Lo ____ m³/Mg

NMOC Concentration* ____ ppmv as hexane

Does the landfill require a Title V Permit? Yes ____ No ■

Name of Landfill Gas Recovery (gas to energy or other use) Facility: n/a

* Note: If Concentration NMOC, Lo and k are not known or included, default values will be used to calculate the NMOCs emissions from the Landfill.

Additional landfill sections:

Next* section used (years) from 1997 to Present

Section Footprint 11.9 acres

Capped with approved final cover system Yes _____ No X

Percent capped __0____

Waste in Place: 717,209 Tons _____ Cubic Yards, if known

Next* section used (years) from: 2019 to Present

Section Footprint 4.9 acres

Capped with approved final cover system Yes _____ No X

Percent capped __0____

Waste in Place: 342,721 Tons _____ Cubic Yards, if known

Oswego County Department of Solid Waste
Bristol Hill Landfill
Total Waste Placement

YEAR	TONS	MG
1983	36,000	32,668
1984	144,000	130,672
1985	143,728	130,423
1986	142,923	129,694
1987	132,916	120,608
1988	128,928	116,983
1989	102,371	92,895
1990	80,641	73,177
1991	68,464	62,127
1992	42,904	38,934
1993	35,813	32,498
1994	49,036	44,499
1995	44,551	40,426
1996	41,434	37,599
1997	41,617	37,765
1998	57,664	51,692
1999	60,919	55,281
2000	42,900	38,935
2001	43,756	39,706
2002	42,675	38,725
2003	45,012	40,845
2004	49,746	45,143
2005	49,664	45,067
2006	53,568	48,609
2007	50,264	45,611
2008	48,806	44,288
2009	47,573	43,170
2010	57,400	52,087
2011	48,620	44,125
2012	51,033	46,282
2013	44,505	40,403
2014	58,066	52,691
2015	59,160	53,684
2016	55,093	49,994
2017	91,957	83,446
2018	63,654	57,762
2019	94,108	85,397
2020	90,398	82,031
2021	110,164	99,956
2022	74,032	67,160
TOTAL	2,732,656	2,479,724

Note:
1. Total waste placement based on actual waste receipts
2. Total waste includes ERF ash and ADC

Flare

Open and Enclosed Flares located at the Landfill and the Landfill Gas Recovery Facility:

Number of Flares: 1

Type of Flare: Opened Flare _____ Enclosed Flare 1

Please report units in cubic feet

Quantity of Gas Collected and Flared Annually 224,099 cubic feet
Flare Hours of Operation per Year 377 hours/year
Methane Percentage in Landfill Gas before flaring 37 %
Methane Destruction efficiency 98 %

Candlestick Flares:

Number of Candlestick Flares 0
Estimate of Gas Flared Candlestick Flare 0 cubic feet

Gas To Energy

Please report units in cubic feet

Number of Internal Combustion Engines: n/a

Quantity of Gas collected for Internal Combustion Engine Annually _____ cubic feet
Methane Destruction efficiency _____ %
Methane Percentage in Landfill Gas before combustion _____ %
Utility Company Receiving Electricity _____

Gas Processed for Use (Other than gas to electricity)

Quantity of Gas Collected for Processing n/a cubic feet
Methane Percentage in Landfill Gas before processing _____ %
On-site or Off-site User of Gas _____

Landfill Gas Recovery Facility/Landfill Data

Facility Contact n/a Phone # (____) ____-____

Contact e-mail address: _____ Fax # (____) ____-____

Operation and maintenance cost for calendar year: $_____

Does the LGRF experience shut downs: ■ Yes _____ No

If yes, indicate reasons for shut downs. List required submissions that have been attached to this form or the reasons for not attaching a required piece of information:

_____

_____

The landfill gas system has sustained regular shutdowns due to unresolvable control system failure(s).

_____

_____

Year landfill opened: 1985 Anticipated landfill closure date: n/a

Results of Condensate Sampling

Submit (attached to this form) condensate quality monitoring results accomplished in accordance with condensate sampling. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

_____

_____

_____

Landfill Gas Utilized For Energy Recovery

Provide the following information for the landfill gas recovered for energy. **DO NOT INCLUDE THE GAS FLARED!**

	Landfill Gas Collected for Energy Recovery (Cubic Feet)	Steam* Generated (Cubic Feet)	Total Electricity* Generated for onsite and offsite use (K.W.H.)	Total Gas Processed for use other than electricity generation (Cubic Feet)	Condensate Generated (Gallons)	Facility Operation (Hours)
January						
February						
March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
ANNUAL TOTAL						

* Provide where applicable.

Normal Weekdays of Operation _____ Normal Hours of Operation _____

Electricity Generated and used/marketed offsite _____ KWH
Electricity Generated and used onsite _____ KWH
Gas Processed and used/marketed offsite _____ cubic feet
Gas Processed and used onsite _____ cubic feet

Describe the collection, storage, treatment and disposal techniques used in managing the condensate:

_____

_____

Barton & Loguidice

February 24, 2023

Carl Schmidt
Oswego County Department of Solid Wast
2801 State Route 481
Fulton, New York 13069

Re: Bristol Hill Landfill
Remaining Site Life and Financial Assurance Information

File: 132.307.001

Dear Mr. Schmidt:

In accordance with your request, Barton & Loguidice, D.P.C. has calculated the remaining site life and updated the financial assurance information for the Bristol Hill Landfill facility. A detailed description of how these values were obtained is included below. The information provided can be utilized for compliance with the Local Government Financial Test.

Remaining Capacity and Site Life

Based on the survey completed by Costich Engineering on May 18, 2021 and data provided by the County, approximately 355,241 CY of capacity remains within the active portion of the constructed landfill. Using the 10-year average annual airspace consumption rate of 74,056 CY per year, the active constructed landfill has approximately 4.8 years of remaining site life. It should be noted that the remaining site life will be greatly dependent on waste receipts and compaction effort. An additional 1.0 million cubic yards of airspace would be available upon construction of the remaining permitted landfill acreage at the site.

Financial Assurance Information

A summary of closure and post closure costs realized to date and future projections can be found on the attached Table 1. A detailed breakdown for each item has been completed and included as Tables 2a and 2b. Below is a narrative describing how the cost of each item was determined.

Closure Costs

As you are aware, approximately 21 acres of the landfill was previously capped in 1988. The County is currently placing waste in 25 acres of constructed landfill. The detailed closure construction cost breakdown for the active 25 acres has been included in Table 2a. The estimated total closure construction cost is $6,252,307. It should be noted that the cost per acre has been increased in comparison to previous estimates due to increases seen in actual construction costs for municipally bid landfill closure projects.

Post Closure Costs

Table 2a also provides the estimated annual post closure cost for the landfill. As with many closed landfills in New York State, leachate generation will reduce over time following closure. Table 2b was developed to account for the leachate reduction over time following capping and the average annual leachate generation rate was included in the annual post closure care costs. Over a 30-year post closure period, the post closure cost remaining to be realized has an estimated present value of $2,779,981 assuming an interest rate of 3%.

Based on the above, the combined closure and post closure cost for the Bristol Hill Landfill has been estimated at $9,032,287.

As required by Part 360, the above closure and post closure costs will be updated annually to reflect current landfill conditions and associated costs. If you have any questions or need any additional assistance, please do not hesitate to contact me.

Sincerely,

BARTON & LOGUIDICE, D.P.C.

Jillian M. Blake, P.E.
Associate

WEN/jms

cc: Mike Lutostanski – Oswego County

Attachments: Table 1 – Closure & Post Closure Financial Assurance Cost Estimate Summary
Table 2a – Bristol Hill Landfill Financial Assurance Summary
Table 2b – Bristol Hill Landfill Post Closure Leachate Generation

Table 1

Closure & Post Closure Financial Assurance Cost Estimate Summary

Table 1

OSWEGO COUNTY - BRISTOL HILL LANDFILL
CLOSURE & POST CLOSURE FINANCIAL ASSURANCE COST ESTIMATE SUMMARY
2022

CLOSURE COST		POST CLOSURE COSTS				TOTAL
CLOSURE COST TO DATE	CLOSURE COST REMAINING (2022 Dollars)	POST-CLOSURE REMAINING (Years)	POST-CLOSURE TO DATE	POST-CLOSURE REMAINING (Annual Cost)	POST-CLOSURE REMAINING (Total) Present Value @ 2%	CLOSURE & POST CLOSURE REMAINING TO BE RECOGNIZED
$1,920,000	$6,252,307	30	$71,800	$141,833	$2,779,981	$9,032,287

Notes:
1. [illegible]
2. [illegible]
3. [illegible]

Table 2a

Bristol Hill Landfill Financial Assurance Summary

Table 2a
OSWEGO COUNTY - BRISTOL HILL LANDFILL
FINANCIAL ASSURANCE SUMMARY

CLOSURE COST BREAKDOWN

Total Developed Area with Waste Placed - January 2022: 46.00 acres

18.1	acres	33% slopes
6.9	acres	4% slope
21.0	acres	Existing capped

Total Acreage Requiring Closure: 25.00

Notes:
1. Closure unit costs below based on 2022 pricing

Component	Quantity	Unit	Unit Price ($)	Cost
Mobilization/Demobilization	1.00	LS	$ 94,780.00	$ 94,780
Grading	25.00	acres	$ 6,500.00	$ 162,500
Erosion Control	25.00	acres	$ 6,500.00	$ 162,500
Fertilize, Seed & Mulch	25.00	acres	$ 6,500.00	$ 162,500
Barrier Protection Layer	60,600.00	cy	$ 23.70	$ 1,433,650
Geosynthetic Clay Layer (4% Slope Only)	300,564.00	sf	$ 0.80	$ 240,451
40 Mil Textured LLDPE Geomembrane	1,089,000.00	sf	$ 0.65	$ 707,850
Composite Geonet	1,089,000.00	sf	$ 0.90	$ 980,100
Topsoil Layer	20,166.67	cy	$ 21.25	$ 428,542
Vertical Gas Collection Vent	14.00	ea	$ 7,100.00	$ 99,400
Stormwater Controls	25.00	acres	$ 23,500.00	$ 587,500
Toe Drain	1.00	LS	$ 53,300.00	$ 53,300
Design / CQA/QC (10% of Construction Cost)				$ 541,325
Contingency (5%)				$ 297,729

TOTAL CLOSURE COST = $ 6,252,307

Cost Per Acre: $ 250,092

Annual Post Closure Costs

Ops, Maint, Admin*	Units	Unit Cost	Quantity/Yr	Total Cost/Yr
Cap/gas vent repair (labor and equipment)	hr	$ 200	16.0	$ 3,200
General labor	hr	$ 65	8.0	$ 520
Seeding and fertilizing cap	acre	$ 1,050	0.5	$ 525
Mowing	acre	$ 100	25.0	$ 2,500
Surface water management maintenance	lump sum	$ 3,250	1.0	$ 3,250
Security and building repairs	lump sum	$ 1,300	1.0	$ 1,300
Annual inspections and reports	lump sum	$ 2,600	1.0	$ 2,600
Site Utilities	annual	$ 1,950	1.0	$ 1,950
			Operation, Maint., Admin costs:	$ 15,995

Water Monitoring	Units	Unit Cost	Quantity/Yr	Total Cost/Yr
Well Sampling, Analysis & Reporting	each	$ 3,730	12	$ 43,830
Surface Water Sampling, Analysis & Reporting	each	$ 715	7	$ 5,005
Well Replacements	each	$ 650	1	$ 650
			Ground and surface water monitoring costs:	$ 49,335

Leachate Management	Units	Unit Cost	Quantity/Yr	Total Cost/Yr
Leachate management system repairs	lump sum	$ 13,000	1	$ 13,000
Leachate Treatment per Year (from Table 2b)	lump sum	$ 44,989	1	$ 44,989
Leachate sampling and testing	lump sum	$ 9,750	1	$ 9,750
			Leachate Management Costs:	$ 67,739

Annual Post Closure Costs Subtotal	$	135,079
Contingency (5%)	$	6,754
Total Annual Post Closure Costs	**$**	**141,833**

*[illegible]

Table 2b

Bristol Hill Landfill Post Closure Leachate Generation

Table 2b
OSWEGO COUNTY - BRISTOL HILL LANDFILL
POST CLOSURE LEACHATE GENERATION
POST CLOSURE FINANCIAL ASSURANCE COST ESTIMATE

Post Closure Year	Leachate Generated (Gal.)	Cost *
Year 1**	11,851,578	$237,032
Year 2	8,886,684	$177,774
Year 3	6,666,513	$133,330
Year 4	4,999,884	$99,998
Year 5	3,749,913	$74,998
Year 6	3,374,922	$67,498
Year 7	3,037,430	$60,749
Year 8	2,733,687	$54,674
Year 9	2,460,318	$49,206
Year 10	2,214,286	$44,286
Year 11	1,992,858	$39,857
Year 12	1,793,572	$35,871
Year 13	1,614,215	$32,284
Year 14	1,452,793	$29,056
Year 15	1,307,514	$26,150
Year 16	1,176,763	$23,535
Year 17	1,059,086	$21,182
Year 18	953,178	$19,064
Year 19	857,860	$17,157
Year 20	772,074	$15,441
Year 21	694,867	$13,897
Year 22	625,380	$12,508
Year 23	562,842	$11,257
Year 24	506,559	$10,131
Year 25	455,903	$9,118
Year 26	410,312	$8,206
Year 27	369,281	$7,386
Year 28	332,352	$6,647
Year 29	299,117	$5,982
Year 30	269,206	$5,384
Totals Post Closure:	67,482,942	$1,349,659

Average Annual Cost over the 30 year period (see Table 2) **$44,989**

* - Leachate Disposal Estimated at $0.02/gallon (Includes Hauling and Treatment)

** - Year 1 leachate generation based on average generation 2007-2022

Barton & Loguidice

February 24, 2023

Carl Schmidt
Oswego County Department of Solid Wast
2801 State Route 481
Fulton, New York 13069

Re: Bristol Hill Landfill
Remaining Site Life and Financial Assurance Information

File: 132.307.001

Dear Mr. Schmidt:

In accordance with your request, Barton & Loguidice, D.P.C. has calculated the remaining site life and updated the financial assurance information for the Bristol Hill Landfill facility. A detailed description of how these values were obtained is included below. The information provided can be utilized for compliance with the Local Government Financial Test.

Remaining Capacity and Site Life

Based on the survey completed by Costich Engineering on May 18, 2021 and data provided by the County, approximately 355,241 CY of capacity remains within the active portion of the constructed landfill. Using the 10-year average annual airspace consumption rate of 74,056 CY per year, the active constructed landfill has approximately 4.8 years of remaining site life. It should be noted that the remaining site life will be greatly dependent on waste receipts and compaction effort. An additional 1.6 million cubic yards of airspace would be available upon construction of the remaining permitted landfill acreage at the site.

Financial Assurance Information

A summary of closure and post closure costs realized to date and future projections can be found on the attached Table 1. A detailed breakdown for each item has been completed and included as Tables 2a and 2b. Below is a narrative describing how the cost of each item was determined.

Closure Costs

As you are aware, approximately 21 acres of the landfill was previously capped in 1988. The County is currently placing waste in 25 acres of constructed landfill. The detailed closure construction cost breakdown for the active 25 acres has been included in Table 2a. The estimated total closure construction cost is $6,252,307. It should be noted that the cost per acre has been increased in comparison to previous estimates due to increases seen in actual construction costs for municipally bid landfill closure projects.

Post Closure Costs

Table 2a also provides the estimated annual post closure cost for the landfill. As with many closed landfills in New York State, leachate generation will reduce over time following closure. Table 2b was developed to account for the leachate reduction over time following capping and the average annual leachate generation rate was included in the annual post closure care costs. Over a 30-year post closure period, the post closure cost remaining to be realized has an estimated present value of $2,779,981 assuming an interest rate of 3%.

Based on the above, the combined closure and post closure cost for the Bristol Hill Landfill has been estimated at $9,032,287.

As required by Part 360, the above closure and post closure costs will be updated annually to reflect current landfill conditions and associated costs. If you have any questions or need any additional assistance, please do not hesitate to contact me.

Sincerely,

BARTON & LOGUIDICE, D.P.C.

Jillian M. Blake, P.E.
Associate

WEN/jms

cc: Mike Lutestanski – Oswego County

Attachments: Table 1 – Closure & Post Closure Financial Assurance Cost Estimate Summary
Table 2a – Bristol Hill Landfill Financial Assurance Summary
Table 2b – Bristol Hill Landfill Post Closure Leachate Generation

Table 1

Closure & Post Closure Financial Assurance Cost Estimate Summary

Table 1

OSWEGO COUNTY - BRISTOL HILL LANDFILL
CLOSURE & POST CLOSURE FINANCIAL ASSURANCE COST ESTIMATE SUMMARY
2022

CLOSURE COST		POST CLOSURE COSTS				TOTAL
CLOSURE COST TO DATE	CLOSURE COST REMAINING (2022 Dollars)	POST-CLOSURE REMAINING (Years)	POST-CLOSURE TO DATE	POST-CLOSURE REMAINING (Annual Cost)	POST-CLOSURE REMAINING (Total) (Present Value @ 3.5%)	CLOSURE & POST CLOSURE REMAINING TO BE RECOGNIZED
$1,820,000	$3,282,307	30	$71,300	$141,853	$2,779,081	$6,032,287

Notes:
1. [illegible]
2. [illegible]
3. [illegible]

Table 2a

Bristol Hill Landfill Financial Assurance Summary

Table 2a
OSWEGO COUNTY - BRISTOL HILL LANDFILL
FINANCIAL ASSURANCE SUMMARY

CLOSURE COST BREAKDOWN

Total Developed Area with Waste Placed - January 2022: 46.00 acres

18.1	acres	33% slopes
2.0	acres	4% slope
21.0	acres	Existing cap/base

Total Acreage Requiring Closure: 25.00

Notes:
1. Closure unit costs based on 2022 pricing

Component	Quantity	Unit	Unit Price ($)	Cost
Mobilization/Demobilization	1.00	LS	$ 64,750.00	$ 64,750
Grading	25.00	acres	$ 5,500.00	$ 137,500
Erosion Control	25.00	acres	$ 6,300.00	$ 157,500
Fertilize, Seed & Mulch	28.00	acres	$ 6,900.00	$ 192,500
Barrier Protection Layer	60,400.00	cy	$ 23.79	$ 1,437,550
Geosynthetic Clay Layer (4% Slope Only)	[illegible]	sf	$ 0.69	$ 240,451
40 Mil. Textured LLDPE Geomembrane	1,005,000.00	sf	$ 0.69	$ 707,850
Composite Geonet	1,005,000.00	sf	$ 0.98	$ 980,100
Topsoil Layer	20,166.67	cy	$ 21.25	$ 428,542
Vertical Gas Collection Well	14.00	ea	$ 7,150.00	$ 99,500
Stormwater Controls	25.00	acres	$ 35,500.00	$ 887,500
Toe Drain	1.00	LS	$ 53,300.00	$ 53,300
Design / QA/QC (10% of Construction Cost)				$ 541,325
Contingency (5%)				$ 297,729
			TOTAL CLOSURE COST =	$ 6,252,307
			Cost Per Acre	$ 250,092

Annual Post Closure Costs

Ops, Maint. Admin*	Units	Unit Cost	Quantity/Yr	Total Cost/Yr
Cap/gas vent repair (labor and equipment)	hr	$ [illegible]	16.0	$ 1,120
General labor	hr	$ 65	8.0	$ 520
Seeding and fertilizing cap	acre	$ 1,950	0.2	$ 375
Mowing	acre	$ 150	22.0	$ 3,250
Surface water management maintenance	Lump sum	$ 3,250	1.0	$ 3,250
Security and fencing repairs	Lump sum	$ 1,300	1.0	$ 1,300
Annual inspections and reports	Lump sum	$ 2,600	1.0	$ 2,600
Site Utilities	annual	$ 1,950	1.0	$ 1,950
			Operation, Maint., Admin costs:	$ 15,065

Water Monitoring	Units	Unit Cost	Quantity/Yr	Total Cost/Yr
Well Sampling, Analysis & Reporting	each	$ 2,730	16	$ 43,680
Surface Water Sampling, Analysis & Reporting	each	$ 715	7	$ 5,005
Well Replacements	each	$ [illegible]	1	$ 650
			Ground and surface water monitoring costs:	$ 49,335

Leachate Management	Units	Unit Cost	Quantity/Yr	Total Cost/Yr
Leachate management system repairs	Lump sum	$ 13,000	1	$ 13,000
Leachate Treatment per Year (from Table 2b)	Lump sum	$ 44,989	1	$ 44,989
Leachate sampling and testing	Lump sum	$ 9,750	1	$ 9,750
			Leachate Management Costs:	$ 67,739

Annual Post Closure Costs Subtotal	$ 135,079
Contingency (5%):	$ 6,754
Total Annual Post Closure Costs :	**$ 141,833**

*Post closure costs for the active landfill gas extraction system are not included in the system is operated on a voluntary basis and could likely be removed in a passive venting system upon a contingency closure with a cap.

Table 2b

Bristol Hill Landfill Post Closure Leachate Generation

Table 2b
OSWEGO COUNTY - BRISTOL HILL LANDFILL
POST CLOSURE LEACHATE GENERATION
POST CLOSURE FINANCIAL ASSURANCE COST ESTIMATE

Post Closure Year	Leachate Generated (Gal.)	Cost *
Year 1**	11,851,575	$237,032
Year 2	8,888,684	$177,774
Year 3	6,666,513	$133,330
Year 4	4,999,884	$99,998
Year 5	3,749,913	$74,998
Year 6	2,374,922	$67,498
Year 7	3,037,430	$60,749
Year 8	2,733,687	$54,674
Year 9	2,460,318	$49,206
Year 10	2,214,286	$44,286
Year 11	1,992,858	$39,857
Year 12	1,793,572	$35,871
Year 13	1,614,215	$32,284
Year 14	1,452,793	$29,056
Year 15	1,307,514	$26,150
Year 16	1,176,763	$23,535
Year 17	1,059,086	$21,182
Year 18	953,178	$19,064
Year 19	857,860	$17,157
Year 20	772,074	$15,441
Year 21	694,867	$13,897
Year 22	625,380	$12,508
Year 23	562,842	$11,257
Year 24	506,558	$10,131
Year 25	455,902	$9,118
Year 26	410,312	$8,206
Year 27	369,281	$7,385
Year 28	332,353	$6,647
Year 29	299,117	$5,982
Year 30	269,206	$5,384
Totals Post Closure:	67,492,942	$1,349,659

Average Annual Cost over the 30 year period (see Table 2): **$44,989**

* Leachate Disposal Estimated at $0.02/gallon (Includes Hauling and Treatment)

** Year 1 leachate generation based on average generation 2007-2022

SECTION 12 - COST ESTIMATES AND FINANCIAL ASSURANCE DOCUMENTS

Are there required cost estimates and financial assurance documents for closure and post-closure care?

■ Yes ☐ No If yes, attach additional sheets reflecting annual adjustments for inflation and any changes to the Closure Plan?

SECTION 13 – PROBLEMS

Were any problems encountered during the reporting period (e.g., specific occurrences which have led to changes in facility procedures)?

☐ Yes ■ No If yes, attach additional sheets identifying each problem and the methods for resolution of the problem.

SECTION 14 – CHANGES

Were there any changes from approved reports, plans, specifications, and permit conditions?

☐ Yes ■ No If yes, attach additional sheets identifying changes with a justification for each change.

SECTION 11 – LANDFILL OPERATOR TRAINING

Name of trained landfill operator: Carl Schmidt

Name and location of training course: NYSASWM Landfill Operator Certificate

Date completed: March 15, 2022

SECTION 16 - ANALYTICAL RESULTS

Submit (attached to this form) tables showing the sample collection date, the analytical results [including all peaks even if below the Method Detection Limits (MDL)], designation of upgradient wells and location number for each environmental monitoring point sampled, applicable water quality standards, and groundwater protection standards if established, MDL's, and Chemical Abstracts Service (CAS) numbers on all parameters. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

Please see Environmental Monitoring Plan Results and Analysis submitted under separate cover.

SECTION 17 - COMPARING DATA

Submit (attached to this form) tables or graphical representations comparing current water quality with existing water quality and with upgradient water quality. These comparisons may include Piper diagrams, Stiff diagrams, tables, or other analyses. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

Please see Environmental Monitoring Plan Results and Analysis submitted under separate cover.

SECTION 18 - DISCUSSION OF RESULTS

Submit (attached to this form) a summary of any contraventions of State water quality standards, significant increases in concentrations above existing water quality, any exceedances of groundwater protection standards, and discussion of results, and any proposed modifications to the sampling and analysis schedule necessary to meet the Existing, Operational and Contingency water quality monitoring requirements. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

Please see Environmental Monitoring Plan Results and Analysis submitted under separate cover.

SECTION 19 - DATA QUALITY ASSESSMENT

Submit (attached to this form) any required data quality assessment reports. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

Please see Environmental Monitoring Plan Results and Analysis submitted under separate cover.

SECTION 20 - SUMMARIES OF MONITORING DATA

Submit (attached to this form) a summary of the water quality information presented in Sections 16 and 17 for the year of operation for which the Annual Report is made, noting any changes in water quality which have occurred throughout the year. List submissions (required by this section) that have been attached to this form or the reasons for not attaching a required piece of information:

Please see Environmental Monitoring Plan Results and Analysis submitted under separate cover.

SECTION 21 - SURFACE IMPOUNDMENTS

Does this landfill have a surface impoundment?

☐ Yes ■ No If yes, repeat Sections 15 through 18 above for Quarterly Reports and Section 19 above for Annual report. Attach additional submissions required by this section.

SECTION 22 - PERMIT/CONSENT ORDER REPORTING REQUIREMENTS

Are there any additional permit/consent order reporting requirements not covered by the previous sections of this form?

☐ Yes ■ No If yes, attach additional sheets identifying the reporting requirements with their respective responses

SECTION 23 - SIGNATURE AND DATE BY OWNER OR OPERATOR

Owner or Operator must sign, date and submit one completed form to the appropriate Regional Office (See attachment for Regional Office addresses, email addresses and Materials Management Contacts).

The Owner or Operator must also submit one copy by email, fax or mail to:

New York State Department of Environmental Conservation
Division of Materials Management
Bureau of Solid Waste Management
625 Broadway
Albany, New York 12233-7260
Fax 518-402-9041
Email address: SWMFannualreport@dec.ny.gov

I certify, under penalty of law, that the data and other information identified in this report have been prepared under my direction and supervision in compliance with a system designed to ensure that qualified personnel properly and accurately gather and evaluate this information. I am aware that any false statement I make in such report is punishable pursuant to section 71-2703(2) of the Environmental Conservation Law and section 210.45 of the Penal Law.

Signature	3-1-2023 Date
Carl L. Schmidt Name (Print or Type)	Director Title (Print or Type)
carl.schmidt@oswegocounty.com Email (Print or Type)	
3125 NYS-3 Address	Fulton City
NY 13069 State and Zip	315 591 9200 Phone Number

ATTACHMENTS: ___ YES ___ NO
(Please check appropriate line)

This page for reference only. Please do not return with submittal.

Division of Materials Management
New York State Department of Environmental Conservation
Albany, New York 12233-7260

MUNICIPAL SOLID WASTE, INDUSTRIAL, OR ASH LANDFILL

A landfill is a solid waste management facility where solid waste is disposed. This form applies to municipal solid waste, industrial, and ash monofill landfills. Further information and a listing of the landfills are available online at http://www.dec.ny.gov/chemical/23681.html.

Forms for all solid waste management facilities can be found at http://www.dec.ny.gov/chemical/52708.html and a brief description of each type of facility can be found at http://www.dec.ny.gov/chemical/8495.html.

Annual/Quarterly Report

Submit the Annual Report no later than March 1, 2023.

For use of this form as an Annual Report, complete line A and complete Sections 1 through 15 and 21 through 23. The Annual Report form is to be used to meet annual reporting requirements (excluding results from annual sampling events which require the use of the Quarterly Report form as noted in the following paragraph).

For use of this form as a Quarterly Report, complete line B and complete Sections 1 and 16 through 23. The Quarterly Report form is to be used for reporting of quarterly, semiannual, or annual results from each sampling event without regard for whether the sampling event is required on a quarterly, semiannual, or annual basis. Submit the Quarterly Report no later than 60 days after the last day of each calendar quarter or within 90 days of the conclusion of sample collection if Site Analytical Plan requirements must be met.

Reporting of the information indicated on this Active Landfill Annual/Quarterly Report form is required pursuant to 6 NYCRR Part 360. Failure to provide the required information requested is a violation of the Environmental Conservation Law. Timely submission of a properly completed form to the Department's Regional Office that has jurisdiction over your facility and to the Department's Central Office is required to meet the Annual/Quarterly Report requirements of 6 NYCRR Part 360.

Where the Annual/Quarterly Report requirements have been modified, appropriate Sections (as necessary to reflect the modification) must be completed and submitted with a copy of the Department's written notification which allows the modification.

Entries on the report forms should be either typewritten or neatly printed in black ink. Attach additional sheets if space on the pages is insufficient or supplementary information is required or appropriate.

Please note that where reference is made to a "Quarter" such as in line B, Quarter 1 is from January 1st to March 31st, Quarter 2 is from April 1st to June 30th, Quarter 3 is from July 1st to September 30th and Quarter 4 is from October 1st to December 31st.

Solid Waste Volume To Weight Conversion Factors

MATERIAL	EQUIVALENT	
Mixed Construction and Demolition Debris	1 cubic yard	0.25 tons
Compacted Solid Waste	1 cubic yard	0.5 tons
Uncompacted Solid Waste	1 cubic yard	0.1 tons