

MSW, INDUSTRIAL OR ASH LANDFILL ANNUAL/QUARTERLY REPORT

Submit the Annual Report no later than March 1, 2018.

Α.	This annual/quarterly	report is for	the year o	f operation from	<u>January 01, 2017</u> t	o <u>December 31, 2017</u>

B. Quarterly Report for:Quarter 1Quarter 2Quarter 3Qu	ırter	r 4
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Photography (Control of Control o	SECTION	<u> </u>	CILITY INFORMATION	N							
		FACILITY	(INFORMATION								
FACILITY NAME:			· ••								
Oswego County Bris		Landfil	l l								
FACILITY LOCATION ADDRESS:	1	FACILITY	CITY:		STATE:	ZIP CODE:					
3125 St Rte 3		Fultor	n		NY	13069					
FACILITY TOWN:	_	FACILITY	COUNTY:	FACI	LITY PHON	NE NUMBER:					
Volney		Oswe	<u> </u>	,	,	-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 #: 7-3558-00012/13	DATE IS: 4-4-2		DATE EXPIRES: 4-3-2027			/ITY CODE OR NUMBER:					
FACILITY CONTACT:	THE RESIDENCE OF THE PROPERTY	nublic	CONTACT PHONE	C	CONTACT	FAX NUMBER:					
Carl Schmidt	1	☐ private	NUMBER: (315)591-9200	(315)59	91-9203					
CONTACT EMAIL ADDRESS: carl	.schmidt@	 									
		OWNER	INFORMATION								
OWNER NAME:		ı	HONE NUMBER:	OWNER FAX NUMBER:							
Oswego County Dept of Solid	d Waste			(315)591-9203							
OWNER ADDRESS: 3125 St Rte 3		OWNER CI Fulton	ity:		STATE: NY	ZIP CODE: 13069					
OWNER CONTACT:			ONTACT EMAIL ADDRE								
Carl Schmidt		carl.sch	nmidt@oswegod	coun	ty.com	•					
			RINFORMATION		A Common						
OPERATOR NAME: sam	e as owner	<i>r</i>			⊒public ⊒private						
			ERENCES								
Preferred address to receive corresp Other (provide):	ondence:	□ Fa	cility location address	■ Owr	ner address						
Preferred email address: ☐ Other (provide):	- Althor	□ Fa	cility Contact	■ Owi	ner Contact	F					
Preferred individual to receive corres □ Other (provide):	spondence	: 🗖 Fa	cility Contact	■ Owi	ner Contact	L					
Did you operate in 2017? 🔳 Yes;	Complete	this form.		11 11 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
☐ No; relinquish your permit/registration as Waste Management Facility or Activi	sociated w	ith this solid	Sections 1 and 22. If you waste management activition at: http://www.dec.n	itv. also	complete t	the "Inactive Solid					

SECTION 2 - SITE LIFE

a.	What is the estimated landfill capacity that was utilized during the re 98,597	
h	What is the estimated in-situ waste density for the reporting year?	Please do not repo- units as pounds pe cubic yard.
b.	1.0	_ Tons/Cubic Yard
Rem	naining Constructed Capacity	
a.	What is the remaining capacity of the landfill that is already construct 665,729	
b.	What is the estimated remaining life of the constructed capacity? 6 Years 9 Months at 98,597 Tons/Year.* *Please note that this tonnage rate must include all materials placed cover, alternative daily covers, etc.	d in the landfill, i.e., waste, soil,
c.	The tonnage rate reported under 2.b. is based on (select one): X The amount of materials placed in the landfill in the report Estimated future disposal Permit limit Other (explain):	
Pern	nitted Capacity Still to be Constructed	
a.	What is the remaining but not yet constructed landfill capacity that is permit? 1,710,159 Cubic Yards of Airspace	authorized by a Part 360
b.	What is the projected life of capacity reported in 3.a? 17 Years 4 Months at 98,597 Tons/Year.* *Please note that this tonnage rate must include all materials dispos soil and alternative daily covers.	ed in the landfill, i.e., waste, and
c.	The tonnage rate reported under 3.b. is based on (select one): X The amount of materials placed in the landfill in the reported in the landfill in the landfi	orting year

4.	Capacity Proposed in a Part 360 Permit Application									
		expansion proposed in a Part 360 permit application that has transfer the transfer to the tran								
	N/A	Cubic Yards of Airspace								
5.	Estimated Potential Future C	apacity Not Permitted or in an Application (optional)								
		ity of any potential future expansion at the facility that is not proposed in a Part 360 permit application that has been?								
		Cubic Yards of Airspace								
	SECTIO	N 3 - PRIMARY LEACHATE								
Name	of off-site leachate treatment f	acility(s) utilized: City of Oswego WWTP								
		iner and a leachate collection system? <u> </u>								
treatm (Note:	ent, and recirculated each mor For double-lined landfills this	e that was collected, removed for on-site and off-site nth, and the corresponding Acreage, by Cell: should not include the volume of leachate ollection and removal systems.)								
		For each cell, please report the acreage and the primary leachate amount.								

		PRIMARY LEACHATE COLLECTED (GALLONS)						IMARY LEAC	HATE TREA	ATED OFF SI	TE (GALLO	
	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 4Acres	Cell 5 Acres	Cell 6 Acres
January												
February	PLEASE	SEE	ATTACHED	PAGE	5							
March												
April												
Мау												
June												
July		-										
August												
September												
October												
November				,								
December												
ANNUAL												

	P	RIMARY LE	ACHATE RE	CIRCULATE				IMARY LEA	CHATE TRE	ATED ON SI	TE (GALLON	
	Celi 1	Cell 2	Cell 3	Cell 4	Cell 5	Cell 6	Cell 1	Cell 2	Cell 3	Cell 4	Cell 5	Cell 6
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
January												
February												
March												
April												
May												
June												
July												
August								,				
September												
October												
November												
December												
ANNUAL												

2017 Leachate Disposal By Site By Month

Bristol Hill	Fulton	Oswego	Watertown	2017 Total Gallons
January		1,179,000	30,000	1,209,000
February		927,000	0	927,000
March		1,644,000	0	1,644,000
1st Quarter Totals	. 0	3,750,000	30,000	3,780,000
April		1,629,000		1,629,000
May		1,617,000		1,617,000
June		903,000		903,000
2nd Quarter Totals	0	4,149,000	0	4,149,000
July	<u> </u>	975,000		975,000
August		1,392,000		1,392,000
September		1,080,000		1,080,000
3rd Quarter Totals	0	3,447,000	0	3,447,000
October		972,000		972,000
November		182,000		182,000
November (rate change				
)的表示。 足够有的基础。	475,000		475,000
December		354,000	0	354,000
4th Quarter Totals	0	1,983,000	- 0	1,983,000
Total Gallons	0	13,329,000	30,000	13,359,000
Cost				
Gals over 12.5M		829,000		
ć0 02I	\$0.00	\$16,580.00		
\$0.02 per gal				
Total	\$0.00	\$16,580.00	\$900.00	\$17,480.00
Total Fulton cost per gallon :	\$0.00 \$0.025	Fulton cost per g	gallon over 10 mi	Ilion: \$.02
Total	\$0.00 \$0.025 1: \$0.020	Fulton cost per a Watertown cost	gallon over 10 mi per gallon: \$0.03	llion: \$.02 3 (0.055 after 7-1-17)
Total Fulton cost per gallon : Oswego cost per gallon	\$0.00 \$0.025 h: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03	llion: \$.02 3 (0.055 after 7-1-17) ement
Total Fulton cost per gallon : Oswego cost per gallon Silk Road	\$0.00 \$0.025 h: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03	llion: \$.02 3 (0.055 after 7-1-17)
Total Fulton cost per gallon : Oswego cost per gallon Silk Road anuary	\$0.00 \$0.025 h: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03	llion: \$.02 3 (0.055 after 7-1-17) ement
Total Fulton cost per gallon : Oswego cost per gallon Silk Road Ianuary February	\$0.00 \$0.025 h: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03	llion: \$.02 3 (0.055 after 7-1-17) ement
Total Fulton cost per gallon : Oswego cost per gallon Silk Road January February March	\$0.00 \$0.025 :: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon : Oswego cost per gallon Silk Road Ianuary February	\$0.00 \$0.025 h: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03	llion: \$.02 3 (0.055 after 7-1-17) ement
Total Fulton cost per gallon : Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals	\$0.00 \$0.025 :: \$0.020 No Oswego Charge	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon : Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals May	\$0.00 \$0.025 :: \$0.020 No Oswego Charge Fulton	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon: Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals April May une	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon : Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals May	\$0.00 \$0.025 :: \$0.020 No Oswego Charge Fulton	Fulton cost per g Watertown cost until 12.5M Gal per	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon: Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals April May une	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon: Oswego cost per gallon Silk Road Ianuary February March Lst Quarter Totals April May une End Quarter Totals	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon: Oswego cost per gallon Silk Road anuary February March List Quarter Totals April May une 2nd Quarter Totals uly August	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon: Oswego cost per gallon Silk Road Innuary February March List Quarter Totals April May une Ind Quarter Totals	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons
Total Fulton cost per gallon: Oswego cost per gallor Silk Road Ianuary February March List Quarter Totals May une Ind Quarter Totals uly August Ieptember	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0 225,000 225,000	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	Ilion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road Ianuary February March List Quarter Totals April May une Ind Quarter Totals uly August Ieptember Ind Quarter Totals	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0 225,000 225,000	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	Ilion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road January February March List Quarter Totals April May une Ind Quarter Totals Luly Lugust Leptember Ird Quarter Totals October Lovember	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0 225,000 225,000	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	Ilion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road Ianuary February March List Quarter Totals April May une Ind Quarter Totals uly August Ieptember Ind Quarter Totals	\$0.00 \$0.025 1: \$0.020 No Oswego Charge Fulton 0 225,000 225,000	Fulton cost per s Watertown cost until 12.5M Gal per Oswego	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown	Ilion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road lanuary February March Ist Quarter Totals April May une Ind Quarter Totals uly August Leptember Leptember Lotober Lovember Lovemb	\$0.00 \$0.025 :: \$0.020 No Oswego Charge Fulton 0 225,000 225,000 0 0	Fulton cost per s Watertown cost until 12.5M Gal per Oswego 0 0	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agre Watertown 0 0	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0 225,000
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals April May une End Quarter Totals uly August Leptember Lord Quarter Totals October Lovember Lovem	\$0.00 \$0.025 :: \$0.020 No Oswego Charge Fulton 0 225,000 225,000 0 0 225,000	Fulton cost per s Watertown cost until 12.5M Gal per Oswego 0 0 0 0	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agree Watertown 0 0 0	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0 225,000
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road lanuary February March Ist Quarter Totals April May une Ind Quarter Totals uly August Ieptember Ird Quarter Totals October Iovember Iovember Iovember Iotal Gallons Iost	\$0.00 \$0.025 :: \$0.020 No Oswego Charge Fulton 0 225,000 225,000 0 225,000 \$5,625.00	Fulton cost per s Watertown cost until 12.5M Gal per Oswego 0 0 0 \$0,000	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agree Watertown 0 0 0 \$0,000	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0 225,000 \$5,625.00
Fulton cost per gallon: Oswego cost per gallon: Oswego cost per gallon Silk Road lanuary February March Lst Quarter Totals April May une End Quarter Totals uly August Leptember Lord Quarter Totals October Lovember Lovem	\$0.00 \$0.025 :: \$0.020 No Oswego Charge Fulton 0 225,000 225,000 0 0 225,000	Fulton cost per s Watertown cost until 12.5M Gal per Oswego 0 0 0 0	gallon over 10 mi per gallon: \$0.03 Intermunicipal Agree Watertown 0 0 0	llion: \$.02 3 (0.055 after 7-1-17) ement 2017 Total Gallons 0 225,000

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 attached Maintenance Log (page 7 & 8)
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/analysis submitted to the
Department under separate cover.
C.
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 th 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 Environmental Monitoring Plan results/analysis submitted to the
Department under separate cover.
Please report total cost for the year, not cost/gal.
Leachate Cost: (including transportation if appropriate) during the calendar year for leachate treatment: \$\frac{\$17,480.00}{} Total quantity treated: \(\frac{13,359,000}{} \) 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.



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: 19-19-17 Pig Linca to Super Muca Conveyance System Flushed: | Primary | Secondary Completed by: M. Kilts, M. stevers, B. Roo, C. Kust Comments & Observations: Gysten is in good Condition.

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:	9-18-1	17		
System Flushed:	Primary	Secondary	Conveyance	
Completed by:	Kills, M.S	terras, B. Dar	o, C. Kent	
Comments & Obse	rvations: <u></u>	15th Star in	good Condition	

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.

	S	ECONDARY	LEACHATE	COLLECTE	D (GALLONS	3)	SECO	ONDARY LE	ACHATE TR	EATED OFF	SITE (GALL	
	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	PLEASE	SEE	ATTACHED	CEILL	CHARTS							
March		-	,									
April												
Мау												
June												
July												
August												
September												
October												
November												
December												
ANNUAL												

	SE	CONDARY L	EACHATE R	ECIRCULAT	ED (GALLO		SECONDARY LEACHATE TREATED ON SITE (GALLONS)					
	Cell 1Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres	Cell 1Acres	Cell 2 Acres	Cell 3 Acres	Cell 4 Acres	Cell 5 Acres	Cell 6 Acres
January												
February												
March												
April												
Мау						·						
June												
July								. "				
August												
September												
October												
November												
December												
ANNUAL												

			Volume Pumped	Volume-		30 - Day		
	Time Since Prior	Meter Readings	Since Prior Reading	Pumped Divided by	Leakage Rat	Average	Total Gals Pumped Comments	The second secon
2017	Reading	(Gal)	(Gal)		(Gal/Acre/Day		Per Month	
1-Oct-17		Sunday	0	0.00	0.00	0.00		é é a pagara roété
2-Oct-17	3	837	0	0.00	0.00	0.00		
3-Oct-17	1	837	0	0.00	0.00	0.00		
4-Oct-17	1	837	0	0.00	0.00	0.00		
5-Oct-17	1	837	0	0.00	0.00	0.00		
6-Oct-17	1	837	0	0.00	0.00	0.00	3	
7-Oct-17	Ballar Herald	Saturday	0	0.00	0.00	0.00		
8-Oct-17	Et e supre barraca i Escato e barraca i	Sunday	0	0.00	0.00	0.00		n esecutoria de la Calvada Capación por provincia de la Calvada
9-Oct-17		Holiday	0.51		0.00	0.00		
10-Oct-17	4	837	0	0.00	0.00	0.00		
11-Oct-17	1	837	0	0.00	0.00	0.00		
12-Oct-17	1	837	0	0.00	0.00	0.00		
13-Oct-17	1	837	0	0.00	0.00	0.00		
14-Oct-17	antataki kelisint	Saturday		0.00	0.00	0.00	Alexa garçık intersitir belik partilde Ar	
15-Oct-17		Sunday	0	0.00	0.00	0.00		
16-Oct-17	3	837	0	0.00	0.00	0.00		
17-Oct-17	1	837	0	0.00	0.00	0.00		
18-Oct-17	1	837	0	0.00	0.00	0.00		
19-Oct-17	1	837	0	0.00	0.00	0.00		
20-Oct-17	1	837	0	0.00	0.00	0.00		
21-Oct-17		Saturday		0.00	0.00	0.00		protest pout co-Presid Pareil a Portee (Peut
22-Oct-17		Sunday	0	0.00	0.00	0.00		
23-Oct-17	3	837	0	0.00	0.00	0.00		
24-Oct-17	1	837	0	0.00	0.00	0.00		
25-Oct-17	1	837	0	0.00	0.00	0.00		
26-Oct-17	<u> </u>	837	0	0.00	0.00	0.00		
27-Oct-17	1	837	0	0.00	0.00	0.00		
28-Oct-17	acete Cost	Saturday	0	0.00	0.00	0.00		d die Erreie in 1900,000 f. Historie in 1900 en 1900 f. K
29-Oct-17		Sunday	0	0.00	0.00	0.00		
30-Oct-17	. ::L.:::::::::::::::::::::::::::::::::	837	0	0.00	0.00	0.00	kar dan mariti mer pet 10 Meril somboridakan pudakun dan mir utumuri subtraine e'er Apadak abandan pumb	and the second s
	1		. 0			0.00	0 Month End	1

			Volume					
			Pumped	Volume		30 - Day		1988 CELL
Т	me Since	Meter	Since Prior	Pumped		Average	Total Gals	Comments
	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	Connerts
2017	Reading	(Gal)	(Gal)		(Gal/Acre/Day)		Per Month	
1-Nov-17	1	837	0	0.00	0.00	0.00		
2-Nov-17	1	837	0	0.00	0.00	0.00		
3-Nov-17	1	837	0	0.00	0.00	0.00		 Service and a service of the property of the contract of the cont
4-Nov-17		Saturday	0	0.00	0.00	0.00		
5-Nov-17		Sunday	0	0.00	0.00	0.00	ing pala pada pada persia. Tanggar pada pada persiang	
6-Nov-17	3	837	0	0.00	0.00	0.00		
7-Nov-17	1	837	0	0.00	0.00	0.00		
8-Nov-17	1	837	0	0.00	0.00	0.00		
9-Nov-17	1	837	0	0.00	0.00	0.00		
10-Nov-17		Holiday	0	0.00	0.00	0.00		
11-Nov-17	Married Strategics of the sections	Saturday	0	0.00	0.00	0.00	Tambiddi.	
12-Nov-17		Sunday	0	0.00	0.00	0.00		
13-Nov-17	4	837	0	0.00	0.00	0.00		
14-Nov-17	1	837	0	0.00	0.00	0.00		
15-Nov-17	1	837	0	0.00	0,00	0.00		
16-Nov-17	1	837	0	0.00	0.00	0.00		
17-Nov-17	1	837	0	0.00	0.00	0.00		
18-Nov-17		Saturday	0	0.00	0.00	0.00		
19-Nov-17		Sunday	0	0.00	0.00	0.00		
20-Nov-17	3	837	0	0.00	0.00	0.00		
21-Nov-17	1	837	0	0.00	0.00	0.00		
22-Nov-17	1	837	0	0.00	0.00	0.00		
23-Nov-17		Holiday	0	0.00	0.00	0.00		
24-Nov-17		Holiday	0	0.00	0.00	0.00		
25-Nov-17	001230230130030	Saturday	0	0.00	0.00	0.00	bala kadhayaa e	Hinzartu kiikida ekiletik
26-Nov-17		Sunday	0	0.00	0.00	0.00		
27-Nov-17	5 di upotentente. 5	837	0	0.00	0.00	0.00		
28-Nov-17	1	837	0	0.00	0.00	0.00		
29-Nov-17	1	837	0	0.00	0.00	0.00		
30-Nov-17	1		0	0.00	0.00	0.00	0	Month End

			Volume					
			Pumped	Volume		30 - Day	1	1988 CELL
	Time Since	Meter	Since Prior	Pumped		Average	Total Gals	Comments
	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage Rate	Pumped Per Month	
2017	Reading	(Gal)		Acres 5.3	(Gal/Acre/Day)	0.00	els (violidit)	
1-Dec-17	1	837	O	0.00 0.00	0.00	0.00] on in this research this or	e. James province person establisher en belé estille espaielle te terre.
2-Dec-17		Saturday	0	0.00	0.00	0.00		
3-Dec-17		Sunday	0	0.00	0.00	0.00		er da e la que la la la la propia de la esta de la esta la la dece La companya de la
4-Dec-17	3	837	0	0.00	0.00	0.00		
5-Dec-17	1	837	0	0.00	0.00	0.00		
6-Dec-17	1	837	0	0.00	0.00	0.00		
7-Dec-17	1	837 837	0	0.00	0.00	0.00		
8-Dec-17	1			0.00	0.00 	0.00	l an distribuição Actividad de 1915.	 esterophemical integers de si Prediction de la media de l'activa de la graed
9-Dec-17		Saturday	natura piraterna ara programa e	0.00	0.00	0.00		rtiori processi na la calle delle seggi en calle i cama del come con il actività del l'indica. Programanta programa dell'egape a la calle dell'altre promite i processi a calle calle l'altre delle calle cal
10-Dec-17		Sunday	0	0.00	0.00	0.00		adia Michilda, da midelega kundinda da midelega kun 1949 (1951) K
11-Dec-17	3	837	0 0	0.00	0.00	0.00		
12-Dec-17	1	837	_	0.00	0.00	0.00		
13-Dec-17	1	837	0	0.00	0.00	0.00		
14-Dec-17	1	837 837	0	0.00	0.00	0.00		
15-Dec-17			0	0.00	0.00	0.00	ger ar \$1200g0 gBr050 ann air	
16-Dec-17		Saturday	0	0.00	0.00	0.00		
17-Dec-17		Sunday	0	0.00	0.00	0.00		<u>(1900-lean 1909) (1909) (1909-lean 1909) (1909-lean 1909) (1909-lean 1909) (1909-lean 1909) (1909-lean 1909) (1909-lean 1909-lean 1909-</u>
18-Dec-17	3	837	0	0.00	0.00	0.00		
19-Dec-17	1	837	0	0.00	0.00	0.00		
20-Dec-17	1	837			0.00	0.00		
21-Dec-17	1	837 837	0	0.00	0.00	0.00		
22-Dec-17	1 ::::::::::::::::::::::::::::::::::::		 	0.00	- 0.00 - 0.00	0.00	waring na marang	
23-Dec-17		Saturday	0	0.00	0.00	0.00		
24-Dec-17		Sunday	0	0.00	0.00	0.00		
25-Dec-17	STANTON TO NOTE OF STAN STAN SERVING STANSON	Holiday 837	0	0.00	0.00	0.00		emererenenguntungarenkomormeriken eta eta 1915 bilanda. T
26-Dec-17	4	837	0	0.00	0.00	0.00		
27-Dec-17			0	0.00	0.00	0.00		
28-Dec-17	1	837	0	0.00	0.00	0.00		
29-Dec-17	1	837 837	0	0.00	0.00	0.00		
30-Dec-17	1 1				0.00		Ō	Month End

			Volume 1					
			Pumped	Volume		30 - Day		
CONTROL CONTROL SAME SAME AND	Time Since	Meter	-Since Prior	Pumped		- Average -	Total Gals	
2017	Prior .	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
Date	Reading	(Gal)	(Gal)		(Gal/Acre/Day)	Rate	Per Month	Comments
1-Oct-17	panitatikasi.	Sunday	-tal made 0 december,	0.00	0.00	0.04	aaskosvaabliik;	and ay madisti a hadayas dibukas arai atibib sa a siin
2-Oct-17	3	32022	0	0.00	0.00	0.04		
3-Oct-17	1	32023	11	0.18	0.18	0.04		
4-Oct-17	11	32023	0	0.00	0.00	0.05		
5-Oct-17	11	32025	2	0.36	0.36	0.05		
6-Oct-17	1	32025	0	0.00	0.00	0.05		
7-Oct-17		Saturday	0	0.00	0.00	0.05		
8-Oct-17		Sunday	0	0.00	0.00	0.05		
9-Oct-17	4	Holiday	0	0.00	0.00	0.05		
10-Oct-17	1	32027	2	0.36	0.12	0.05		
11-Oct-17	1	32027	0	0.00	0.00	0.05		
12-Oct-17	1	32027	0	0.00	0.00	0.04		
13-Oct-17	1	32027	0	0.00	0.00	0.03		
14-Oct-17	Ameleitaset	Saturday	346 0	0.00	0.00	0.03		
15-Oct-17		Sunday	1-4-0	0.00	0.00	0.03		
16-Oct-17	3	32027	0	0.00	0.00	0.03		
17-Oct-17	1	32027	0	0.00	0.00	0.03		
18-Oct-17	1	32027	0	0.00	0.00	0.03		
19-Oct-17	1	32028	1	0.18	0.18	0.03		
20-Oct-17	1	32028	0	0.00	0.00	0.03		
21-Oct-17		Saturday	0	0.00	0.00	0.03		
22-Oct-17		Sunday	0	0.00	0.00	0.03		
23-Oct-17	3	32028	0	0.00	0.00	0.03		The state of the s
24-Oct-17	1	32028	0	0.00	0.00	0.03		
25-Oct-17	1	32028	0	0.00	0.00	0.03		
26-Oct-17	1	32028	0	0.00	0.00	0.03		
27-Oct-17	1	32028	0	0.00	0.00	0.03		
28-Oct-17	indiana kanasir	Saturday	naida o saka	0.00	0.00	0.03		
29-Oct-17		Sunday	Ō	0.00	0.00	0.03		
30-Oct-17	3	32039	11	2.00	1.00	0.03		gat experimental and a final control of the formula designation of the control of the control of the control of
	1	1	3	0.55			20	Month End

			Volume		The state of the s			
			Pumped	Volume		30 - Day		
2017	Time Since Prior	Meter Readings	Since Prior Reading	Pumped Divided by	Leakage Rate	Average Leakage	Total Gals Pumped	
Date	Reading	(Gal)	(Gal)	Acres 5.5	(Gal/Acre/Day)	Rate	Per Month	Comments
1-Nov-17	1	32039	-3	-0.55	-0.55	0.08	epastemonus :	e de la companya de l
2-Nov-17	1	32100	61	11.09	11.09	0.06		
3-Nov-17	1	32121	21	3.82	3.82	0.43		
4-Nov-17		Saturday		0.00	0.00	0.54	askinika	
5-Nov-17		Sunday	Ŏ	0.00	0.00	0.54		
6-Nov-17	3	32149	28	5.09	2.55	0.54	Albert of southern triber of	eardalahahan 1957 ganada sebuah arawasan si in baharan at mulai
7-Nov-17	1	32155	6	1.09	1.09	0.63		
8-Nov-17	1	32161	6	1.09	1.09	0.66		
9-Nov-17	1	32161	0	0.00	0.00	0.69		
10-Nov-17		Holiday	0	0.00	0.00	0.69		
11-Nov-17		Saturday	0	0.00	0.00	0.69		z Pantiferenky kristääten in aisten laituut sei
12-Nov-17		Sunday	0	0.00	0.00	0.69		
13-Nov-17	4	32162	1	0.18	0.09	0.69		
14-Nov-17	1	32162	0	0.00	0.00	0.70		
15-Nov-17	1	32162	0	0.00	0.00	0.70		
16-Nov-17	1	32162	0	0.00	0.00	0.70		
17-Nov-17	1	32162	0	0.00	0.00	0.70		
18-Nov-17		Saturday	0	0.00	0.00	0.69		
19-Nov-17		Sunday	0	0.00	0.00	0.69		
20-Nov-17	3	32162	0	0.00	0.00	0.69		
21-Nov-17	1	32162	· 0	0.00	0.00	0.69		
22-Nov-17	1	32163	1	0.18	0.18	0.69		
23-Nov-17		Holiday	0	0.00	0.00	0.70		
24-Nov-17	CONTRACTOR STATES AND A SECURITY OF THE PARTY.	Holiday	0:	0.00	0.00	0.70		
25-Nov-17		Saturday	0	0.00	0.00	0.70		
26-Nov-17	principal de la company de	Sunday	0	0.00	0.00	0.70		
27-Nov-17		32165	2	0.36	0.18	0.70		
28-Nov-17	1	32165	0	0.00	0.00	0.70		
29-Nov-17		32165	0	0.00	0.00	0.67		
30-Nov-17	1	32165	0	0.00	0.00	0.65	123	Month End

			Volume					
			Pumped	. Volume		30 - Day		
	Time Since	Meter	Since Prior	Pumped		Average_	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
Date	Reading	(Gal)	(Gal)	Acres 5.5	(Gal/Acre/Day)	Rate	Per Month	Comments
1-Dec-17	1	32165	0	0.00	0.00	0.67		L
2-Dec-17		Saturday	0	0.00	0.00	0.30		
3-Dec-17		Sunday	0	0.00	0.00	0.17		
4-Dec-17	1	32168	3	0.55	0.27	0.17		
5-Dec-17	1	32168	0	0.00	0.00	0.18		-
6-Dec-17	1	32168	0	0.00	0.00	0.10		
7-Dec-17	1	32168	0	0.00	0.00	0.06		
8-Dec-17	1	32170	2	0.36	0.36	0.02		
9-Dec-17		Saturday	0	0.00	0.00	0.04		
10-Dec-17		Sunday	0	0.00	0.00	0.04		
11-Dec-17	1	32172	2	0.36	0.18	0.04		
12-Dec-17	1	32172	0	0.00	0.00	0.04		
13-Dec-17	1	32172	0	0.00	0.00	0.04		
14-Dec-17	1	32174	2	0.36	0.36	0.04		
15-Dec-17	1	32174	0	0.00	0.00	0.05		
16-Dec-17	ukgi palitik	Saturday	0	0.00	0.00	0.05	i de la	
17-Dec-17		Sunday	0	0.00	0.00	0.05		
18-Dec-17	1	32174	0	0.00	0.00	0.05		
19-Dec-17	1	32174	0	0.00	0.00	0.05		
20-Dec-17	1	32174	0	0.00	0.00	0.05		
21-Dec-17	1	32174	0	0.00	0.00	0.05		
22-Dec-17	1	32178	4	0.73	0.73	0.05		
23-Dec-17	Linimada bada	Saturday	. 0	0.00	0.00	0.07	waternik	
24-Dec-17	tirkini	Sunday	0	0.00	0.00	0.07		
25-Dec-17		Holiday 🖟	CONTRACTOR	0.00	0.00	0.07		
26-Dec-17	4	32183	5	0.91	0.30	0.07		
27-Dec-17	1	32183	0	0.00	0.00	0.07		
28-Dec-17	1	32187	4	0.73	0.73	0.07		
29-Dec-17	1	32187	0	0.00	0.00	0.10		
30-Dec-17		Saturday	0	0.00	0.00	0.10		
31-Dec-17		Sunday	0	0.00	0.00	0.10	22	Month End

and the second second	S CONTRACTOR OF THE SECOND		Volume						(6) (b)
			Pumped	Volume		30 - Day			
Tir	ne Since	Meter 5	ince Prior	Pumped		Average	Total Gals		
2017	Prior	Readings	Reading		Leakage Rate	Leakage	Pumped		
ACTUAL CONTRACTOR OF THE SECOND CONTRACTOR	Reading	(Gal)	(Gal)	Acres 7:0	(Gal/Acre/Day)	Rate	Per Month		
31-Dec-16	1	421	0	0	0.00	0.00			
1-Jan-17	1.1	Sunday	0	0.00	0.00	0.00	islois islais islateisijajajaisaapy	dolowio Eisky nadayiya	elster
2-Jan-17		Holiday	0.65	0.00	0.00	0.00			
3-Jan-17	4	421	0	0.00	0.00	0.00		*********************	
4-Jan-17	1	421	0	0.00	0.00	0.00			
5-Jan-17	1	421	0	0.00	0.00	0.00			
6-Jan-17	1	421	0	0.00	0.00	0.00			erre en
7-Jan-17		Saturday	1 1 0 h di	0.00	0.00	0.00		ka ka	
8-Jan-17		Sunday	0	0.00	0.00	0.00			ijf.
9-Jan-17	3	421	0	0.00	0.00	0.00			********
10-Jan-17	1	421	0	0.00	0.00	0.00			
11-Jan-17	1	421	0	0.00	0.00	0.00			
12-Jan-17	1	421	0	0.00	0.00	0.00			
13-Jan-17	1	421	0	0.00	0.00	0.00			11 12/2202
14-Jan-17		Saturday	0	0.00	0.00	0.00			Ü.
15-Jan-17		Sunday	0	0.00	0.00	0.00			
16-Jan-17		Holiday	0	0.00	0.00	0.00		ledi di	
17-Jan-17	4	421	0	0.00	0.00	0.00			
18-Jan-17	1	421	0	0.00	0.00	0.00	}		
19-Jan-17	1	421	0	0.00	0.00	0.00]	
20-Jan-17	1	421	0	0.00	0.00	0.00	j]	
21-Jan-17		Saturday	140 M	0.00	0.00	0.00	nellenst	trena p	
22-Jan-17		Sunday	0	0.00	0.00	0.00			
23-Jan-17	3	421	0	0.00	0.00	0.00		ļ	
24-Jan-17	1	421	0	0.00	0.00	0.00	i	j	
25-Jan-17	1	421	0	0.00	0.00	0.00			
26-Jan-17	1	421	0	0.00	0.00	0.00		<u>.</u>	
27-Jan-17	1	421	0	0.00	0.00	0.00			
28-Jan-17		Saturday	0	0.00	0.00	0.00			
29-Jan-17		Sunday	0	0.00	0.00	0.00			lik
30-Jan-17	3	421	0	0.00	0.00	0.00	distinct and making a service and		
31-Jan-17	1	421	0	0.00	0.00	0.00	0	(paperboye)	

			Volume Pumped	Volume		30 - Dav		
	Time Since	Meter	Since Prior	Pumped		Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	The state of the s
Date	Reading	(Gal)	(Gal)	Acres 7.0	(Gal/Acre/Day)	Rate	Per Month	Comments
1-Feb-17	1	421	0 ,	0.00	0.00	0.00		
2-Feb-17	1	421	0	0.00	0.00	0.00	***************************************	
3-Feb-17	1	421	0	0.00	0.00	0.00		Tax and Productive News and the work of some and another thickness in the control of the control
4-Feb-17	tribak da Kalib	Saturday		0.00	0.00	0.00		Addition of a state of the contract of the con
5-Feb-17		Sunday		0.00	0.00	0.00		
6-Feb-17	3	421	0	0.00	0.00	0.00	***	
7-Feb-17	1	421	0	0.00	0.00	0.00		
8-Feb-17	1	421	0	0.00	0.00	0.00		
9-Feb-17	1	421	0	0.00	0.00	0.00		<u> </u>
10-Feb-17	1	421	0	0.00	0.00	0.00	v. Postoresimente in in less Leo Aer	
11-Feb-17		Saturday		0.00	0.00	0.00		
12-Feb-17	机铸造组织	Sunday		0.00	0.00	0.00	and the state of t	a producernos respectorar por establica de la companya de la companya de la companya de la companya de la comp
13-Feb-17		Holiday		0.00	0.00	0.00		
14-Feb-17	4	421	0	0.00	0.00	0.00		E STATE OF THE STA
15-Feb-17	1	421	0	0.00	0.00	0.00		ļ vai
16-Feb-17	1	421	0	0.00	0.00	0.00		
17-Feb-17	1	421	0	0.00	0.00	0.00	VASTORIS STRUKTURSKI	render der der der der der der der der der
18-Feb-17		Saturdaý		0.00	0.00	0.00		
19-Feb-17		Sunday		0.00	0.00	0.00		
20-Feb-17	Commence and an area of the commence of the co	421	. 0	0.00	0.00	0.00		nea -
21-Feb-17	Tentament of tenta	421	0	0.00	0.00	0.00		
22-Feb-17	Navarance and a second	421	0	0.00	0.00	0.00		
23-Feb-17		421	0	0.00	0.00	0.00		
24-Feb-17	1	421	(O	0.00	0.00	0.00		Terror o como como como como como como com
25-Feb-17	armotele alda	Saturday		0.00	0.00	0.00		engels rekkoler å delskilsting for fitteleng et skilstingereset.
26-Feb-17	IX. of Secretary and Vehicle of the property	Sunday		0.00	0.00	0.00		
27-Feb-17		421	O	0.00	0.00	0.00	 	
28-Feb-17	1	421	0	0.00	0.00	0.00	0	Month End

			Volume					
		Meter	Pumped Since Prior	Volume Pumped		30 - Day Average	Total Gals	
2017	Time Since Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
A CONTRACTOR CONTRACTOR	Reading		(Gal)		(Gal/Acre/Day)	Rate	Per Month	Comments
1-Mar-17	1	421	0	0.00	0.00	0.00		
2-Mar-17	1	421	0	0.00	0.00	0.00	- planet	
3-Mar-17	1	421	0	0.00	0.00	0.00		
4-Mar-17		Saturday		0.00	0.00	0.00		
5-Mar-17		Sunday	unideli deli e	0.00	0.00	0.00	në 4 Januar	
6-Mar-17	3	422	1	0.14	0.05	0.00		
7-Mar-17	1	422	0	0.00	0.00	0.00		
8-Mar-17	1	422	0	0.00	0.00	0.00		
9-Mar-17	1	422	0	0.00	0.00	0.00		
10-Mar-17	1	422	0	0.00	0.00	0.00	III. dealesta care a rea la taux da (1975 de 19	The control of the co
11-Mar-17		Saturday		0.00	0.00	0.00		rindra provincia de la companio de La productiva de la companio de la c
12-Mar-17		Sunday		0.00	0.00	0.00		
13-Mar-17	3	422	0	0.00	0.00	0.00		
14-Mar-17	1	422	0	0.00	0.00	0.00		
15-Mar-17	1	422	0	0.00	0.00	0.00		
16-Mar-17	1	422	0	0.00	0.00	0.00		
17-Mar-17	1	422	0	0.00	0.00	0.00	in in a second contraction of the second con	
18-Mar-17		Saturday		0.00	0.00	0.00	visita ji ligudish	
19-Mar-17	particular reports programming that are	Sunday		0.00	0.00	0.00		
20-Mar-17	3	422	0	0.00	0.00	0.00		
21-Mar-17	1	422	0	0.00	0.00	0.00	:	
22-Mar-17	1	422	0	0.00	0.00	0.00		
23-Mar-17	1	422	0	0.00	0.00	0.00		4 4 4 1 1 1 1
24-Mar-17	·	422	0	0.00	0.00	0.00		
25-Mar-17	ats të Milijelë:	Saturday	e din fant die Fall	0.00	0.00	0.00		
26-Mar-17	vaniga juist kii	Sunday		0.00	0.00	0.00	kirinamini	
27-Mar-17	3	422	0	0.00	0.00	0.00		%;
28-Mar-17	1	422	0	0.00	0.00	0.00		
29-Mar-17	1	422	0	0.00	0.00	0.00	<u> </u>	
30-Mar-17	1	422	; 0 • Not all a plant of the contract of the	0.00	0.00	0.00	La gracina nastrana de la composición del composición de la compos	
31-Mar-17	1	422	0 11	0.00	0.00	0.00		Month End

			Volume Pumped	Volume		30 - Day		
	Time Since	Meter	Since Prior	Pumped	1 4 4	Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
Date	Reading	(Gal)	(Gal)	Acres 7.0	(Gal/Acre/Day)	Rate	Per Month	Comments
1-Apr-17		Saturday		0.00	0.00	0.00		uniastanauinen en lähene paydegramme palikainin kalkajul
2-Apr-17		Sunday		0.00	0.00	0.00		
3-Apr-17	3	422	0	0.00	0.00	0.00	I have been about the control of the	ATT THE CONTROL OF TH
4-Apr-17	1	422	0	0.00	0.00	0.00		
5-Apr-17	1	422	0	0.00	0.00	0.00		
6-Apr-17	1	422	0	0.00	0.00	0.00	4	
7-Apr-17	1	422	0	0.00	0.00	0.00		
8-Apr-17		Saturday		0.00	0.00	0.00		
9-Apr-17		Sunday		0.00	0.00	0.00		
10-Apr-17	3	422	. 0	0.00	0.00	0.00		y manimetre 25 e 1939 w to a publicações de 2004 y 900 manimetros escatados de construir y 1920 manimetros actuales de 2004 construir y 2011 (p. total e publicações de 2004 construir y
11-Apr-17	1	422	0	0.00	0.00	0.00		
12-Apr-17	1	422	0	0.00	0.00	0.00		
13-Apr-17	1	422	0	0.00	0.00	0.00	o toni i maaana aa ahahadda ayaa uu uu uu ah maaanaa aa aa da aa aa aa aa aa aa aa aa aa a	
14-Apr-17	1	422	0	0.00	0.00	0.00		
15-Apr-17		Saturday		0.00	0.00	0.00		
16-Apr-17		Sunday		0.00	0.00	0.00		
17-Apr-17	3	422	0	0.00	0.00	0.00	ers-erskall the behinden-salassahjishiri.	parant folia area not from a contract as contract and account of the contract and acco
18-Apr-17	1	422	0	0.00	0.00	0.00		
19-Apr-17	1	422	0	0.00	0.00	0.00		
20-Apr-17	1	422	0	0.00	0.00	0.00		,
21-Apr-17	1	422	0	0.00	0.00	0.00	To the second se	
22-Apr-17		Saturday		0.00	0.00	0.00		
23-Apr-17		Sunday		0.00	0.00	0.00		
24-Apr-17	3	422	0	0.00	0.00	0.00	ava, the graph the lie lands and district of fill light	ga mer ya na zira wanne na nammang mamuun aneziz tande i 1949 a mininga kata iti Andri 2020 a mi
25-Apr-17	1	422	0	0.00	0.00	0.00	AND THE RESIDENCE OF THE PARTY	•
26-Apr-17	1			0.00	0.00	0.00		Remote counter failed
27-Apr-17	1		0	0.00	0.00	0.00		Remote readout says 2338,
28-Apr-17	1		0	0.00	0.00	0.00		flow meter local reading has not changed
29-Apr-17		Saturday		0.00	0.00	0.00		
30-Apr-17		Sunday		0.00	0.00	0.00	111	

	A STATE OF THE STA	Commence of Contract of	1000	Estate State Control of Control		nnosii dedaasine	
			Volume Pumped	Volume		30 - Day	
	Time Since	Meter	Since Prior	Pumped		Average	Total Gals
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped
Date	Reading	(Gal)	(Gal)	135779-00-00-00-00-01-01-00-01-01-01-01-01-01-	(Gal/Acre/Day)	Rate	Per Month Comments
1-May-17	. 3	0	0	0.00	0.00	0.00	Counter replacement 5/1/17
2-May-17	1	0	0	0.00	0.00	0.00	
3-May-17	1	0	0	0.00	0.00	0.00	
4-May-17	1	0	0	0.00	0.00	0.00	
5-May-17	1	0	. 0	0.00	0.00	0.00	
6-May-17		Saturday		0.00	0.00	0.00	A parametrical and a section of the
7-May-17		Sunday		0.00	0.00	0.00	
8-May-17	3	0	0	0.00	0.00	0.00	
9-May-17	1	0	0	0.00	0.00	0.00	
10-May-17	1	131	131	18.71	18.71	0.67	
11-May-17	1	131	0	0.00	0.00	0.67	
12-May-17	1	131	0	0.00	0.00	0.67	A CONTROL OF THE CONT
13-May-17		Saturday		0.00	0.00	0.67	
14-May-17		Sunday		0.00	0.00	0.67	Annual Copy of the
15-May-17	3	0	-131	-18.71	-6.24	0.45	Reset couter, due to bad counter connection.
16-May-17	1	0	0	0.00	0.00	0.45	New 30 average started today
17-May-17	1	0	0	0.00	0.00	0.45	Remote readout says 3986
18-May-17		0	0	0.00	0.00	0.45	flowmeter local reading has not changed
19-May-17		0 5	0	0.00	0.00	0,45	
20-May-17		Saturday		0.00	0.00	0.45	
21-May-17		Sunday	Maria de Caracina	0.00	0.00	0.45	
22-May-17	6.00 (1 6.00)	0	0	0.00	0,00	0.45	
23-May-17		0	0	0.00	0.00	0.45	
24-May-17		0	0	* Dealer create and the factor Designation	0.00	0.45	
25-May-17		0	0	0.00	0.00	0.45	
26-May-17	111	0	0	0.00	0.00	0.45	
27-May-17		Saturday		0.00	0,00	0,45	
28-May-17		Sunday		0.00	0.00	0.45	
29-May-17		Holiday		0.00	0.00	0.45	
30-May-17	4	41	41	5.86	1.46	0.50	
31-May-17		49	8	1.14	1,14	0.54	49 Month End

			Volume				
		0.040,000	Pumped -	. Volume		30 - Dav	
	Time Since	Meter	Since Prior	Pumped		Average	Total Gals
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped
Date	Reading	(Gal)	(Gal)	Acres 7.0	(Gal/Acre/Day):	Rate	Per Month
1-Jun-17	1 1	62	13	1.86	4 4 4 1.86	0.61	
2-Jun-17	1	63	1	0.14	0.14	0.61	TEST OF DESCRIPTION OF THE RESIDENCE OF THE PROPERTY OF THE RESIDENCE OF T
3-Jun-17	dies la distant	Saturday		0.00	0.00	0.61	
4-Jun-17		Sunday	and spanish as	.,	0.00	j. d. 0.61 _{0.25}	
5-Jun-17	3	65	2	0.29	0.10	0.61	ar in the second of the second
6-Jun-17	_ 1	65	0	0.00	0.00	0.61	
7-Jun-17	1.3.00	66	1.3	0.14	0.14	-0.05	
8-Jun-17	. 1918: 1 - 1918: 191	68 g g	2	0.29	0.29	-0.04	
9-Jun-17	1	68	(O)	0.00	0.00	-0.04	
10-Jun-17	ations are a	Saturday		0.00	0:00	-0.04	
11-Jun-17		Sunday		0.00	0.00	-0.04	
12-Jun-17	3.5.		4 a a	0.57	0.19	0.19	u hatistatik isakaitaa
13-Jun-17	14 1 1 1	74	10 2 4 4	0.29	0.29	0.20	
14-Jun-17	1	75	1	0.14	0.14	0.21	
15-Jun-17	1 12 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	76	1	0.14	0.14	0.21	eri kalikanian kanta ingga kalikania ni kalikanian kanta kanta ingga kalikanian ni manga kantanga kalikanian k
16-Jun-17	1 0 0	78	2	0.29	0.29	0.22	ELIDERAN DE COMP
17-Jun-17		Saturday		0.00	0.00	0.22	
18-Jun-17		Sunday		0.00	0.00	0.22	
19-Jun-17	3	80	2	0.29	0.10	0.22	
20-Jun-17	11	82	2	0.29	0.29	0.23	
21-Jun-17	kanalin in ii	82		0.00	0.00	0.23	al Journal of the Control of the Con
22-Jun-17	1	85	# 3 # fb	0.43	0.43	0.25	
23-Jun-17	1	85	0	0.00	0.00	0.25	
24-Jun-17		Saturday		0.00	0.00	0.25	Figure (Figure)
25-Jun-17		Sunday		0.00	0.00	0.25	
26-Jun-17	3	90	5	0.71	0.24	0.26	
27-Jun-17	1	90	0	0.00	0.00	0.21	
28-Jun-17	1	92	2	0.29	0.29	0.18	
29-Jun-17	1	93	1	0.14	0.14	. 0.11	con a final desiration for the production of the contract of t
30-Jun-17	40 1 1 40 40	95	a 4 2 a 4	0.29	0.29	0.12	46

			Volume					
			Pumped	Volume		30 - Day		
	Time Since	Meter:	Since Prior	Pumped		Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
Date	Reading	(Gal)	(Gal)		(Gal/Acre/Day)	Rate	Per Month	
1-Jul-17	al contra d'Establica A Se vise d'Establica	Saturday		0.00	0.00	0.12		
2-Jul-17		Sunday		0.00	0.00	0.12	and the state of t	
3-Jul-17	3	101	8	1.14	1.14	0.16		100
4-Jul-17		il cidenticid Control of the transport of the property of		The second secon	0.00	Secretarian contract description		
5-Jul-17	2	101	0	0.00	0.00	0.15		
6-Jul-17	1	103	2	0.29	0.29 0.00	0.15 0.15		[
7-Jul-17	1	103	0	0.00	0.00	0.15		[50]
8-Jul-17		Saturday		0.00 0.00	0.00	0.15		
9-Jul-17		Sunday		0.00	0.00	0.13		ننبلا
10-Jul-17	3	103 104	0 1	0.00	0.00	0.14)	į
11-Jul-17	1	104	1	0.14	0.14	0.14		
12-Jul-17	1	105	2	0.14	0.14	0.14		
13-Jul-17 14-Jul-17	1	107	0	0.29	0.00	0.13		
14-Jul-17 15-Jul-17	nymysteydeiffilij	Saturday	STANCES CONTRACTOR	0.00	0.00	0.13		m
16-Jul-17		Sunday		0.00	0.00	-0.13		
17-Jul-17	3	107		0.00	0.00	0.13	ia parti 944 il Nalondas III. il	jan
18-Jul-17	1	108	1	0.14	0.14	0.13	***	ĺ
19-Jul-17	1	109	1	0.14	0.14	0.13	<u></u>	1
20-Jul-17		110	1	0.14	0.14	0.12	**************************************	7
21-Jul-17	<u>-</u>	110	0	0.00	0.00	0.12		-
22-Jul-17		Saturday		0.00	0.00	0.12		W
23-Jul-17		Sunday	k grusus Ardo	0.00	0.00	0.12		
24-Jul-17	. 3	111	1	0.14	0.05	0.11		
25-Jul-17	1	111	0	0.00	0.00	0.11		
26-Jul-17	1	112	: 1	0.14	0.14	0.11		
27-Jul-17	1	112	0	0.00	0.00	0.10		
28-Jul-17	1	112	0	0.00	0.00	0.09		e en e
29-Jul-17		Saturday		0.00	0.00	0.09		
30-Jul-17		Sunday		0.00	0.00	0.09	. Bababa Aries	
31-Jul-17	3	112	0 10	0.00	0.00	0.05	17	(i)

- 1999			Volume Pumped	Volume		30 - Day		
	Time Since	Meter	Since Prior	Pumped		Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
Date	Reading	(Gal)	(Gal)	Control Control Control Control Control Control	(Gal/Acre/Day)	Rate	Per Month	Comments
1-Aug-17	1	112	. 0	0.00	0.00	0.05		
2-Aug-17	1	112	0	0.00	0.00	0.05		
3-Aug-17	1	112	0	0.00	0.00	0.04	. , , , , , , , , , , , , , , , , , , ,	
4-Aug-17	1	112	0	0.00	0.00	0.04	The property of the control of the c	
5-Aug-17		Saturday		0.00	0.00	0.04		alegely, is had a transplace play property and a consequence of the state of
6-Aug-17		Sunday		0.00	0.00	0.04		
7-Aug-17	3	114	2	0.29	0.10	0.05		
8-Aug-17	1	114	0	0.00	0.00	0.04		
9-Aug-17	1	114	. 0	0.00	0.00	0.04		
10-Aug-17	1	114	0	0.00	0.00	0.03		
11-Aug-17	1	114	0	0.00	0.00	0.03		
12-Aug-17		Saturday		0.00	0.00	0.03		
13-Aug-17		Sunday	eta na vez en eta	0.00	0.00	0.03		
14-Aug-17	3	116	2	0.29	0.10	0.03		
15-Aug-17	1	116	0	0.00	0.00	0.02		
16-Aug-17	1	116	0	0.00	0.00	0.02		
17-Aug-17	1	116	0	0.00	0.00	0.01		
18-Aug-17	1	116	0	0.00	0.00	0.01		
19-Aug-17		Saturday		0.00	0,00	0.01		
20-Aug-17		Sunday		0.00	0.00	0.01	eritigi (Flohelsijo	
21-Aug-17	3	116	0	0.00	0.00	0.01	6 17 SECRETARIA DE COMPANSO DE	
22-Aug-17		116	0	0.00	0.00	0.01		
23-Aug-17		117	1	0.14	0.14	0.01		1 }
24-Aug-17		117	0	0.00	0.00	0.01		Y
25-Aug-17		118	1	0.14	0.14	0.02		
26-Aug-17		Sunday		0.00	0.00	0.02		
27-Aug-17		Saturday	Economic de de de	0.00	0.00	0.02		
28-Aug-17		118	0	0.00	0.00	0.02		
29-Aug-17		118	0	0.00	0.00	0.02	and madely or found to discussive and its off a found to the	M
30-Aug-17		118	0	0.00	0.00	0.02		w
31-Aug-17		118	0.0	0.00	0.00	0.02	6	Month End

			Volume					
_			Pumped	Volume Pumped		30 - Day	T-1-1-C-1-	Fig. 1 (Sept. 1998) A Sept. Sept. 1997 April 1998 April 1997 April
2017	me Since Prior	Meter Readings	Since Prior Reading	Market Action of Section Advantages and the Control of	Leakage Rate	Average Leakage	Total Gals Pumped	
	Reading	(Gal)	(Gal)		(Gal/Acre/Day)		Per Month	Comments
1-Sep-17	1	118	0	0.00	0.00	0.02		
2-Sep-17		Saturday		0.00	0.00	0.02		
3-Sep-17		Sunday		0.00	0.00	0.02		
4-Sep-17	3	Holiday		diformation of the property of	0.00	0.01		
5-Sep-17	1	118	O.	0.00	0.00	0.01	ny minintendantamin'ny ny hadrona ny n	
6-Sep-17	1	118	0	0.00	0.00	0.01		
7-Sep-17	1	120	2	0.29	0.29	0.02	A	
8-Sep-17	1	120	0	0.00	0.00	0.02		
9-Sep-17		Saturday		0.00	0.00	0.02		
10-Sep-17		Sunday	建基体系统	0.00	0.00	0.02		
11-Sep-17	3	122	2	0.29	0.10	0.02	, 100 Land 1	
12-Sep-17	1	124	2	0.29	0.29	0.03		
13-Sep-17	1	124	0	0.00	0.00	0.03		
14-Sep-17	1	124	0	0.00	0.00	0.03		
15-Sep-17	1	124	0	0.00	0.00	0.03	191 ² 1 1.1 or 8 2 - 1 of 2 or 1 or 1 dependence of 2 or 1	
16-Sep-17		Saturday	(1851) (1811) (1815) (1816) 2003: 1816) (1816)	0.00	0.00	0.03		
17-Sep-17	and the second second	Sunday		0.00	0.00	0.03		
18-Sep-17	3	130	6	0.86	0.29	0.04		
19-Sep-17	1	130	0	0.00	0.00	0.04		
20-Sep-17	1	138	8	1.14	1.14	0.08		
21-Sep-17	1	138	0	0,00	0.00	0.08		
22-Sep-17	1	138		0.00	0.00	0.07		
23-Sep-17		Saturday		0.00	0.00	0.07		
24-Sep-17		Sunday		0.00	0.00	0.07		
25-Sep-17	3	223	85	12.14	4.05	0.22		i !
26-Sep-17	1	399	176	25.14	25.14	1.12		
27-Sep-17	1	425	26	3.71	3.71	1.25		
28-Sep-17	1	461	36	5.14	5.14	1.43		
29-Sep-17	1	461		0.00	0.00	1.43	Loo Luikope, korprofis te kirin kan kan kan kan kan kan kan kan kan ka	
30-Sep-17		Saturday		0.00	0.00	1.43	343	Month End

	7	77.9	- Volume					
	400 - 300 - 300		Pumped	Volume		30 - Day		
	Time Since	Meter	Since Prior	Pumped	100	Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	
_ Date.	Reading	(Gal)	(Gal)	Acres 7:0		Rate	Per Month	Comments
1-Oct-17		Sunday		0.00	0.00	1.43	الشبيخية المامالية المالية المجارية	
2-Oct-17	3	461	0	0.00	0.00	1.43		
3-Oct-17	1	465	4	0.57	0.57	1.45		
4-Oct-17	1	470	5	0.71	0.71	1.48		
5-Oct-17	1	474	4	0.57	0.57	1.49		
6-Oct-17	1	474	0	0.00	0.00	1.49	CO A DESCRIPTION OF THE PARTY O	THE SECRET SECTION OF THE PROPERTY SECTION SEC
7-Oct-17		Saturday		0.00	0.00	1.49		
8-Oct-17		Sunday		0.00	0.00	1.49		The state of the s
9-Oct-17	3	477	3	0.43	0.14	1.49		*
10-Oct-17	1	477	0	0.00	0.00	1.48	!	
11-Oct-17	1	480	3	0.43	0.43	1.50		
12-Oct-17	1	480	0	0.00	0.00	1.50		
13-Oct-17	1	480	0	0.00	0.00	1.50		
14-Oct-17		Saturday		0.00	0.00	1.50		
15-Oct-17		Sunday		0.00	0.00	1.50		
16-Oct-17	3	481	1	0.14	0.05	1.49	COLUMN TO THE PARTY OF THE PART	A Library A security Library 1.1.4 de annotation account of 1 and a commission of 1 and a color of 1 and a c
17-Oct-17	1	481	0	0.00	0.00	1.49		
18-Oct-17	1	481	0	0.00	0.00	1.45		
19-Oct-17	1	481	0	0.00	0.00	1.45		w - - -
20-Oct-17	1	481	0	0.00	0.00	1.45		
21-Oct-17		Saturday		0.00	0.00	1.45		
22-Oct-17		Sunday		0.00	0.00	1.45		
23-Oct-17	3	482		0.14	0.05	1.30	ogres : Emiliable filler fild's Elle 9-00 traga equipulationi	The analysis of the 2 to 4 to
24-Oct-17	1	482	0	0.00	0.00	0.41	***************************************	
25-Oct-17	1	482	0	0.00	0.00	0.27		-
26-Oct-17	1	482	0	0.00	0.00	0.09		*! !
27-Oct-17	1	482	0	0.00	0.00	0.09		
28-Oct-17		Saturday		0.00	0.00	0.09		
29-Oct-17		Sunday		0.00	0.00	0.09		
30-Oct-17	3	482	0	0.00	0.00	0.09		d, ett erkt fra sontenen uthen 1900 för i det kild i kolokur i i i kild som kriskeliken han et et ind kild bled bet did bildet i kild bled kild bled bet i i kild bled bet i kild bled bet i i kild bled bet i kild bled
31-Oct-17.		484	2	0.29	0.29	0.08	23	Month End

200			Volume					
			Pumped	Volume		30 - Day		
	ime Since	Meter	Since Prior	Pumped		Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped	CARLES OF COMPANY OF THE SECOND CONTRACTOR OF
	Reading	(Gal) ::	(Gal) -		(Gal/Acre/Day)	Rate	Per Month	Comments
1-Nov-17	1	484	0	0.00	0.00	0.05		
2-Nov-17	1	485	1	0.14	0.14	0.04		
3-Nov-17	1	486	1	0.14	0.14	0.04		
4-Nov-17		Saturday		0.00	0.00	0.04		
5-Nov-17	il in a finite de la company de la compa La company de la company d	Sunday		0.00	0.00	0.04	ing kebuah Mejerbian dik Melah ligi sebiah keman	
6-Nov-17	3	491	5	0.71	0.24	0.05	······································	es persona a responsación con contra compression que ana desetiva destruir de sinte procession procedente de servición de
7-Nov-17	1	494	3	0.43	0.43	0.06	Andrew Company of the	
8-Nov-17	1	494	0	0.00	0.00	0.05		and
9-Nov-17	1	495	1	0.14	0.14	0.05		
10-Nov-17		Holiday		0.00	0.00	0.05		
11-Nov-17		Saturday		0.00	0.00	0.05		
12-Nov-17		Sunday			0.00	0.05		
13-Nov-17	4	499	4	0.57	0.14	0.06	San the san test of a contract of the selection	www.marketereterererererererererererererererer
14-Nov-17	1	499	0	0.00	0.00	0.06	***************************************	••!
15-Nov-17	1	499	0	0.00	0.00	0.06	The state of the s	Í
16-Nov-17	1	499	0	0.00	0.00	0.06		
17-Nov-17	1	500	1	0.14	0.14	0.06	**************************************	*
18-Nov-17		Saturday		0.00	0.00	0.06	o innervacione company	
19-Nov-17		Sunday		0.00	0.00	0.06		
20-Nov-17	3	503	3	0.43	0.14	0.06		r teket menetarak ada bada menetarak dan pertahah di kepertah di berbesah da berbesah di berbesah di berbesah d
21-Nov-17	1	503	0	0.00	0.00	0.06	A Mariana communication of the second	u'
22-Nov-17	1	503	0	0.00	0.00	0.06	***************************************	
23-Nov-17		Holiday.		0.00	0.00	0.06		
24-Nov-17 😃		Holiday		0.00	0.00	0.06		
25-Nov-17		Saturday	egnesies	0.00	0.00	0.06		
26-Nov-17		Sunday		0.00	0.00	0.06		
27-Nov-17	5	506	3	0,43	0.09	0.07	or constitution of the con	ngaran pada pada ang kapada sa banda sa ang atawa bala sa pada bang bangsa bang bang banda banda at banda banda Bangsa pada bangsa banda banda banda banda bang bang bangsa bangsa banda banda banda banda banda banda banda b
28-Nov-17	1	506	0	0.00	0.00	0.06	***************************************	*
29-Nov-17	1	506	0	0.00	0.00	0.06		•
30-Nov-17	101	506	0	0.00	0.00	0.05	22.00	Month End

			Volume Pumped	Volume		30 - Day		
	Time Since	Meter	Since Prior	Pumped		Average	Total Gals	
2017	Prior	Readings	Reading	Divided by	Leakage Rate	Leakage	Pumped-	
Date	Reading	(Gal)	(Gal)	Acres 7.0	(Gal/Acre/Day)	Rate	Per Month	Comments
1-Dec-17	1	506	0	0.00	0.00	0.05		
2-Dec-17		Saturday		0:00	0.00	0.05		
3-Dec-17		Sunday		0.00	0.00	0.05		والمنافق وال
4-Dec-17	3	509	3	0.43	0.14	0.04		
5-Dec-17	1	509	. 0	0.00	0.00	0.03		
6-Dec-17	1	509	0	0.00	0.00	0.03		
7-Dec-17	1	509	0	0.00	0.00	0.02		
8-Dec-17	1	509	0	0.00	0.00	0.02	-	
9-Dec-17		Saturday		0.00	0.00	0.02		
10-Dec-17		Sunday		0.00	0.00	0.02		
11-Dec-17	3	509	0	0.00	0.00	0.02		
12-Dec-17	1	511	2	0.29	0.29	0.03		
13-Dec-17	1	511	0	0.00	0.00	0.03		
14-Dec-17	1	511	0	0.00	0.00	0.03		
15-Dec-17	1	511	0	0.00	0.00	0.02	Aha Wasa	}
16-Dec-17		Saturday		0.00	0.00	0.02		
17-Dec-17.		Sunday		0.00	0.00	0.02		
18-Dec-17	3	511	0	0.00	0.00	0.02	:	
19-Dec-17	1	511	0	0.00	0.00	0.02		
20-Dec-17	1	511	0	0.00	0.00	0.02		
21-Dec-17	1	511	. 0	0.00	0.00	0.02		
22-Dec-17	1	511	0	0.00	0.00	0.02		
23-Dec-17		Saturday		0.00	0.00	0.02		
24-Dec-17		Sunday		0.00	0.00	0.02		
25-Dec-17		Holiday		0.00	0.00	0.02		
26-Dec-17	4	511	0	0.00	0.00	0.02		
27-Dec-17	1	511	0	0.00	0.00	0.02		
28-Dec-17	1	511	0	0.00	0.00	0.02	ĺ	
29-Dec-17	1	511	0	0.00	0.00	0.02		
30-Dec-17	1	511	0	0.00	0.00	0.02		
31-Dec-17		Saturday		0.00	0.00	0.02	5	Month End

SECTION 5 - BENEFICIAL USE DETERMINATION MATERIALS

For each type of waste material that the Department has approved for use as alternative daily cover, intermediate cover, or other landfill material, provide the annual weight in tons, use (i.e., daily 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	1,789	AOC	Oswego County	Oswego	NY	Direct Haul
Foundry Sand						
Glass						
Industrial Waste (specify)						
MSW/Wood Ash	16,295	AOC	Oswego County	Oswego	NY	Oswego Cty ERF, 2801 St Rte 481, Fulton NY
Paper Mill Sludge		<u></u>				
Processed C&D			~			
Shredder Fluff						
Tire Chips						
Wood/Wood Chips						
Other (specify)						
Total ADC	18084					
		-				
Total Beneficial Use Determination Materials	18084					

Percent Alternative Daily Cover (ADC) Calculation

	25%
ADC Calculations:	Total Tons ADC/Total Tons Waste Disposed x 100 = 25%
ADO Galculations.	Total Total Total Total Tradic Disposes X Tot

Please note the calculation is: Tons ADC (from table above)/Tons Solid Waste (from table in Section 6) x 100 and Not: Tons ADC / (Tons Solid Waste + ADC) 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 8. 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	37.7	61.24	215.13	31.92	1042.57	3979.64	8423.74
Ash (Coal)	0	0	0	0	0	0	0
Ash (MSW Energy Recovery)	351.21	323.68	183.95	617.97	835.80	829.09	630.40
Construction & Demolition Debris (mixed)	565.15	263.57	610.24	571.74	1792.51	4937.57	4972.46
Industrial Waste (Including Industrial Process Sludges)	524.87	839.74	1100.20	896.09	989.67	1073.16	814.04
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	445.41	93.61	175.34	550.89	861.32	916.90	986.35
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	257.90	296.33	330.60	221.06	418.18	326.48	307.41
Treated Regulated Medical Waste	0	0	0	0	0	0	0
Emergency Authorization Waste (Storm Debris)	0	0	0	0	0	0	0
Other (specifyFiSh	0	0	0	0	0	0	0
Failed Compost	0	0	0	0	0	0	0

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	8423.74	786.97	271.25	265.74	607.43	19632.59	74.93
Ash (Coal)	0	0	0	0	0	0	0	0
Ash (MSW Energy Recovery)	0	766.06	272.57	583.14	262.69	225.14	5881.67	22.45
Construction & Demolition Debris (mixed)	60	2223.89	4648.61	1368.56	1176.27	794.70	23928.27	91.32
Industrial Waste (Including Industrial Process Sludges)	75	984.43	957.06	829.81	772.25	424.67	10205.99	38.95
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	75	796.58	1915.78	660.72	1032.61	502.04	8937.55	34.11
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	431.68	236.41	276.74	275.62	331.12	3709.53	14.16
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 (क्रिकेट्टा)	30	3.26	13.01	27.05	0.17	0.56	44.05	0.17
Failed Compost	0	1536	0	0	0	0	1536	5.86
Total Tons Disposed		15166	8830.4	4017.27	3785.3	2885.7	73872.65	281.95

SECTION 7 - SERVICE AREA OF SOLID WASTE RECEIVED

Identify the service area of the waste. The Total Tons Received reported below should equal the Total Tons Disposed in Section 6 (Solid Waste Disposed). DO NOT REPORT IN CUBIC YARDS!

- 1) <u>Direct hauled from the generator of the waste</u>. In the case where the waste is hauled to your facility from the generator (i.e. hauled from residences, commercial establishments, etc.), "Direct Haul" is the appropriate response in Column 2 under "Service Area." Please report the tonnage by waste type and identify the state, county and planning unit where it was generated; or
- 2) <u>Sent to your facility from another solid waste management facility</u>. Waste may be sent to your transfer station from another solid waste management facility. In this case, please report the tonnage by waste type from each sending solid waste management facility, as well as the sending facility's name, address, county, and the planning unit where the sending facility is located.

Specify transport method a	and percentages of total wa	aste transported by each:	•	
100 % Road	% Rail	% Water	% Other (specify:)	
Explain which waste types	and service areas below a	are included in these transpo	rt 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	
	Direct Haul	NY	Oswego	Oswego County	19632.59	
Asbestos						
Ash (Coal)						
Ash (MSW Energy Recovery)	Oswego County ERF, 2801 St Rte 481, Fulton NY	NY	Oswego	Oswego County	5881.67	
	Direct Haul	NY	Oswego	Oswego County	23925.27	
Construction & Demolition Debris (mixed)						

	SERVICE AREA OF SOLID	WASTE REC	EIVED		
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	10205.99
Mixed Municipal Solid Waste (Residential, Institutional & Commercial)	Direct Haul	NY	Oswego	Oswego County	8937.55
Oil/Gas Drilling Waste					
Petroleum Contaminated Soil					
Sewage Treatment Plant Sludge	Direct Haul	NY	Oswego	Oswego County	3709.53
Treated Regulated Medical Waste (TRMW)*					
Emergency Authorization Waste (Storm Debris)					
Other (specif⊬ish	Direct Haul	NY	Oswego .	Oswego County	44.05
Failed Compost	Oswego County Bristol Hill Compost Facility (disposed with DEC approval)	NY	Oswego	Oswego County OTAL RECEIVED (to)	1536 15): 73827.65

^{*} List generators that provide you Certificates of Treatment forms and quantities of TRMW from each

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

Identify the service area of the material. DO NOT REPORT IN CUBIC YARDS!

- 1) <u>Direct hauled from the generator of the recyclables</u>. In the case where the recyclables are hauled to your facility from the generator (i.e. hauled from residences, commercial establishments, etc.), "Direct Haul" would be the appropriate response in Column 2 under "Service Area". Please report the tonnage by material type and identify the state, county and planning unit where it was generated; or
- 2) <u>Sent to your facility from another solid waste management facility</u>. Recyclables may be sent to your facility from another solid waste management facility. In this case, please report the tonnage by material type from each sending solid waste management facility, as well as the sending facility's name, address, county, and the planning unit where the sending facility is located.

Explain which materials and service areas below are included in these transport methods

	SERVICE AREA OF RECYCLAI	BLE 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!

BO NOT ALL ON MODELS WALLS.
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 RE	COVERED			
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					ahara a sa
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

MATERIAL (Name & Address) COUNTRY PROVINCE (See Attached List of NYS Planning Units) Container Glass Industrial Scrap Glass Other Glass (specify) TOTAL GLASS RECOVERED (tons): METAL RECOVERED DESTINATION STATE OR DESTINATION COUNTY OR Gee Attached List of NYS Planning Units) (out of facility Country OR NYS Planning Units) (out of facility Destination NYS Planning Units) TOTAL GLASS RECOVERED (tons): TONS PLANNING UNIT (See Attached List of RECOVERED)		GLASS RE	COVERED			
Industrial Scrap Glass Other Glass (specify) TOTAL GLASS RECOVERED (tons): METAL RECOVERED DESTINATION STATE OR COUNTY OR PROVINCE MATERIAL Aluminum Foil / Trays Bulk Metal (from MSW) Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers			STATE OR	COUNTY OR	PLANNING UNIT (See Attached List of	TONS RECOVERED (out of facility)
Other Glass (specify) TOTAL GLASS RECOVERED (tons):	Container Glass	·				
RECOVERED DESTINATION (Name & Address) Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal TOTAL GLASS RECOVERED (tons): METAL RECOVERED DESTINATION STATE OR COUNTY OR PROVINCE DESTINATION STATE OR COUNTY OR PROVINCE OUNTRY DESTINATION STATE OR COUNTY OR PROVINCE OUNTRY DESTINATION OF PLANNING UNITS (See Attached List of NYS Planning Units) TONS RECOVERED (Out of facility) TONS RECOVERED (Out of facility) TONS RECOVERED OUNTRY TONS R	Industrial Scrap Glass					
RECOVERED DESTINATION (Name & Address) Bulk Metal (from MSW) Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers	Other Glass (specify)					
RECOVERED DESTINATION (Name & Address) Aluminum Foil / Trays Bulk Metal (from MSW) Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers			and the second section of the second section of	TOTAL GLASS R	EGOVERED (tons):	
RECOVERED MATERIAL (Name & Address) Bulk Metal (from MSW) Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers		METAL RE	COVERED			
Bulk Metal (from MSW) Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers			STATE OR	COUNTY OR	PLANNING UNIT (See Attached List of	TONS RECOVERED (out of facility)
Bulk Metal (from CD debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers	Aluminum Foil / Trays					
debris) Enameled Appliances / White Goods Industrial Scrap Metal Tin & Aluminum Containers	Bulk Metal (from MSW)					
White Goods Industrial Scrap Metal Tin & Aluminum Containers						100000
Tin & Aluminum Containers	Enameled Appliances / White Goods					
Containers	Industrial Scrap Metal					
Other Metal (specify)						
	Other Metal (specify)		May me all and a second a second and a second a second and a second a second and a second and a second and a			
TOTAL METAL RECOVERED (tons):	da kacara kacara katabuk sa kababun dikabuka	tat er beda rektisakele diskus perekanalah disensian at melepakan biblisti atau melunci.	Salanas di Sistemborio (ESI Sistemborio)	TOTAL METALS		SKASALS FALSKASIA SKASALA

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued) B. 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)
Mixed Plastic (#1 - #7)					
PET (plastic #1)					
HDPE (plastic #2)					
Other Rigid Plastics (#3 - #7)					
Industrial Scrap Plastic					
Plastic Film & Bags					
Other Plastics (specify)					
			OTAL PLASTIC R	ECOVERED (tons):	

SECTION 8 – LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued) B. Material Recovered

esconaporativa posserio di posserio di Nuo al esconomio Nero estato, con estato	MIXED MATERIA	VL RECOVERED		independent som begrever i den som beste som beste i den som beste	
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 MATERIA	L RECOVERED (tons	

SECTION 8 — LANDFILL RECYCLABLE & RECOVERED MATERIALS (continued) B. Material Recovered

	MISCELLANE	DUS MATERIAL RECOVE	RED PROPERTY		
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	<u></u>				
Yard Waste (curbside)					
Other (specify)					
		TOTAL MISCELLA	NEOUS MATERIA	LE RECOVERED (tons	

VOLUME TO WEIGHT CONVERSION FACTORS

MATERIAL	EQUIVA	LENT	MATERIAL	EQUIVALENT MATERIAL		EQUIVALE		
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		art is line to us	
CORRUGATED - loose	1 cubic yard	0.015 tons	PLASTIC - HDPE - flattened 1	1 cubic yard	0.03 tons		enur udiredendi deb	
CORRUGATED - baled	1 cubic vard	0.55 tons	PLASTIC - HDPE - baled	1 cubic yard	0.38 tons	FERROUS METAL - cans whole	1 cubic yard	0.08 tons
	electris di citali electr	i i profesionale	PLASTIC - mixed (grocery bags)	45 gallon bag	0.01 tons	FERROUS METAL - cans	1 cubic yard	0.43 tons

SECTION 9 – UNAUTHORIZED SOLID WASTE

	en received at the facility during the reporting pormation below for each incident (attach additi		
Date Received	Type Received	Date Disposed	Disposal Method & Location
	Radi	ation Monitoring	
s your facility use a fixed rad	ation monitor? Yes _ ■ No	anon monno, mg	
ify Manufacturer	and Model	of fixed u	· · ·

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

Identify Manufacturer _____ and Model _____ of portable unit.

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

Incident	Received				Truck	Reading	Diamonal	Removed	
Number	Date	Time	Hauler	Origin	Number	Reading	Disposal Status	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	attached	next	page						
WIP Cumulative Total										

Overall in place volume	cubic yards
Method for determining waste composition,	f known.
Explain if closed landfills are included above	

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	143,726	130,423
1986	142,923	129,694
1987	132,910	120,608
1988	124,926	113,363
1989	102,371	92,895
1990	80,641	73,177
1991	68,464	62,127
1992	42,904	38,933
1993	35,813	32,498
1994	49,038	44,499
1995	44,551	40,428
1996	41,434	37,599
1997	41,617	37,765
1998	67,984	61,692
1999	60,919	55,281
2000	42,963	38,986
2001	43,756	39,706
2002	42,675	38,725
2003	45,012	40,845
2004	49,748	45.143
2005	49,664	45,067
2006	53,568	48,609
2007	50,264	45,611
2008	48,806	44,289
2009	47,573	43,170
2010	57,400	52,087
2011	48,626	44,125
2012	51,003	46,282
2013	44,535	40,413
2014	58,286	52,891
2015	69,160	53,684
2016	65,093	49,994
2017	98,597	89,471
TOTAL	2,306,950	2,093,421

Note:

Total waste placement based on actual waste receipts
 Total waste includes ERF ash and ADC

Waste Summary by Landfill Section

Provide waste in place information for all landfill se-	ctions.			
Number of landfill sections:				
Original* section used (years) from to	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	Next* section used (years) from	to	_
Section Footprint acres		Section Footprintacres		
Capped with approved final cover system Yes	No	Capped with approved final cover syster	n Yes	No
Percent capped		Percent capped		
Waste in Place: Tons	Cubic Yards, if known	Waste in Place: Tons		_ Cubic Yards, if known
* If there are additional landfill sections, phases or	,	ste in place information on additional sheets a	and attach to fo	orm.
Does the landfill have a landfill gas collection & cor Yes No	ntrol system? If Yes: Active	Passive		
Number of gas wells: 31		·		
Total landfill footprint acreage 41				
Total landfill acreage from which gas is collected 4	<u>11 </u>			
Landfill sections from which gas is collected 1983.	1986			
Landfill acreage from which gas is collected for end	ergy recovery 0			
Measured Methane Generation Rate*, k				
Measured Potential Methane Generation Capacity	*, L _o m³/ M g			
NMOC Concentration* ppmv as h	exane			
Does the landfill require a Title V Permit? Yes	No _ _			
Name of Landfill Gas Recovery (gas to energy or o	other use) Facility:			
* Note: If Concentration NMOC. Lo and k are not k	nown or included, default values w	vill be used to calculate the NMOCs emission	s from the Land	dfili

<u>Flare</u>

Open and Enclosed Flares located at the Landfill and the Landfill Gas Reconnumber of Flares:	very Facility:
Type of Flare: Opened Flare × Enclosed Flare	Please report units in cubic feet
Quantity of Gas Collected and Flared Annually 28,817,990 Flare Hours of Operation per Year 5231 (recorded, faited hour mater) hours/year Methane Percentage in Landfill Gas before flaring 24.6 % Methane Destruction efficiency 95 %	cubic feet
Candlestick Flares: Number of Candlestick Flares Estimate of Gas Flared Candlestick Flare cubic f	eet
Gas To Energy	Please report units
Number of Internal Combustion Engines: n/a	in cubic feet
Quantity of Gas collected for Internal Combustion Engine Annually% 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:YesNo	
If yes, indicate reasons for shut downs. List required submissions that have been the reasons for not attaching a required piece of information:	attached to this form or
Year landfill opened: Anticipated landfill closure date:	
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Results of Condensate Sampling

he reasons f	or not attaching	a required pie	ce of informatio	n:		this form o
		Landfill Gas	Utilized For E	nergy Recovery		
Provide the fo	allowing informa	ation for the lan	dfill gas recove	red for energy. DC	NOT INCLUD	F THE GAS
LAREDI	in ording		ann gao rootto			_ , 0,
	Landfill Gas Collected for Energy	Steam*	Total Electricity* Generated for onsite	Total Gas Processed for use other than		
	Recovery (Cubic Feet)	Generated (Cubic Feet)	and offsite use (K.W.H.)	electricity generation (Cubic Feet)	Condensate Generated (Gallons)	Facility Operation (Hours)
January						
February		,				
March	`					
April						
Мау		-		****		-71
June						
July						
August				- W		
September						
October						
November						
December						
ANNUAL TOTAL						
Provide whe	re applicable.					
lormal Week	days of Operati	ion	Normal Ho	urs of Operation		ì
lectricity Ger	nerated and use	ed/marketed of	fsite	кwн		
			isite			
as Processe	d and used/ma	rketed offsite _		cubic feet		
as Processe	d and used on:	site	cı	ibic feet		
escribe the o	collection, stora	ge, treatment a	and disposal tec	hniques used in m	anaging the cor	ndensate:

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 15 - 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/analysis submitted to the Department under separate cover.
SECTION 16 - 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/analysis submitted to the Department under separate cover.

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SECTION 17 - 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/analysis submitted to the Department under separate cover.
SECTION 18 - 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/analysis submitted to the Department under separate cover.
SECTION 19 - 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/analysis submitted to the Department under separate cover.
SECTION 20 - 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 21 - 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.

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SECTION 22 - SIGNATURE AND DATE BY OWNER OR OPERATOR

Owner or Operator must sign, date and submit the completed form by email or mail to the appropriate Regional Office (See attachment for Regional Office email & mailing addresses and Solid Waste 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 Permitting and Planning
625 Broadway
Albany, New York 12233-7260
Fax 518-402-9041

Email address: SWMFannualreport@dec.ny.gov

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority to sign this report form pursuant to 6 NYCRR Part 360. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Carl Schmidt

Name (Print or Type)

Carl.schmidt@oswegocounty.com

Email (Print or Type)

3125 St Rte 3

Address

NY 13069

State and Zip

Phone Number

ATTACHMENTS: YES NO (Please check appropriate line)

Attachment 1:

2017 Bristol Hill Landfill Financial Assurance Information



January 30, 2018

Mark Powell, P.E. Oswego County Department of Solid Waste 2801 State Route 481 Fulton, New York 13069

Re:

Bristol Hill Landfill

Remaining Site Life and Financial Assurance Information

File:

132.277.017

Dear Mr. Powell:

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 a survey completed by Costich Engineering on July11, 2017 and historical fill rates, approximately 100,595 CY of capacity remains within the active portion of the constructed landfill. Using the 10-year average annual airspace consumption rate of 54,000 CY per year, the active constructed landfill has approximately 1.9 years of remaining site life. It should be noted that the remaining site life will be greatly dependent on waste receipts and compaction effort. Cell No. 4, which is available for waste disposal but has not yet received waste, will provide approximately 600,000 additional cubic yards of disposal capacity. An additional 1.9 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 the remaining 20 acres of constructed landfill. As Cell No. 4 has yet to receive waste, it has not been included in the closure cost estimate at this time. The detailed closure construction cost breakdown for the active 20 acres has been included in Table 2a. The estimated total closure construction cost is \$3,011,819.



BL

Mr. Mark Powell Oswego County Department of Solid Waste January 30, 2018 Page 2

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 \$1,982,510 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 \$4,994,329.

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.

Very truly yours,

BARTON & LOGUIDICE, D.P.C.

Jillian M. Blake, P.E. Managing Engineer

JMB2/jms

cc: Carl Schmidt - Oswego County

Attachments: Table 1 – Closure & Post Closure Financial Assurance Cost Estimate Summary

Table 2 – 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 2017

CLOSURE COST			TOTAL			
CLOSURE COST TO DATE	CLOSURE COST REMAINING (2017 Dollars)	POST-CLOSURE REMAINING (Years)	POST-CLOSURE TO DATE	POST-CLOSURE REMAINING (Annual Cost)	POST-CLOSURE REMAINING (Total) Present Value @ 3%	CLOSURE & POST CLOSURE REMAINING TO BE RECOGNIZED
\$1,920,000	\$3,011,819	30	\$60,900	\$101,146	\$1,982,510	\$4,994,329

Notes:

- 1. Post closure costs to date for the capped portion of the landfill include mowing costs.
- 2. Landfill closure costs to date based off of an estimated \$120,000/acre.
- 3, Refer to attached Tables 2 and 2b for detailed breakdown of costs.

Table 2 Bristol Hill Landfill Financial Assurance Summary

Table 2 OSWEGO COUNTY - BRISTOL HILL LANDFILL FINANCIAL ASSURANCE SUMMARY

CLOSURE COST BREAKDOWN

Total Developed Area with Waste Placed - January 2017:

41.00 acres

 14.5
 acres
 33% slopes

 5.5
 acres
 4% slope

 21.0
 acres
 Existing capped

Total Acreage Requiring Closure:

20,00

Notes:

^{1.} Closure unit costs below based on 2017 pricing.

Component	Quantity	Unit	Unit Price (\$)	Cost
Mobilization/Demobilization	1.00	LS	\$ 80,000.00	\$ 80,000
Grading	20.00	acres	\$ 5,000.00	\$ 100,000
Erosion Control	20.00	acres	\$ 5,000.00	\$ 100,000
Fertilize, Seed & Mulch	20.00	acres	\$ 5,000.00	\$ 100,000
Barrier Protection Layer	48,400.00	cy	\$ 9.50	\$ 459,800
Geosynthetic Clay Layer (4% Slope Only)	239,580.00	sf	\$ 0.65	\$ 155,727
40 MIL Textured LLDPE Geomembrane	871,200.00	sf	\$ 0.55	\$ 479,160
Composite Geonet	871,200.00	sf	\$ 0.72	\$ 627,284
Topsoil Layer	16,133.33	cy	\$ 15.50	\$ 250,067
Vertical Gas Collection Wells	14.00	ea.	\$ 5,000.00	\$ 70,000
Stormwater Controls	13.80	acres	\$ 20,000.00	\$ 276,000
Toe Drain	1.00	LS	\$ 40,000.00	\$ 40,000
Design / QA/QC (10% of Construction Cost)				\$ 273,802

TOTAL CLOSURE COST = \$

3,011,819

Cost Per Acre \$

150,591

Annual Post Closure Costs

Ops, Maint. Admin*	Units	Units Unit Cost		Quantity/Yr		Total Cost/Yr	
Cap/gas vent repair (labor and equipment)	hr	\$	200	16.0	\$	3,200	
General labor	hr	\$	50	8.0	\$	400	
Seeding and fertilizing cap	acre	\$	1,500	0.5	\$	750	
Mowing	acre	\$	100	20.7	\$	2,070	
Surface water management maintenance	lump sum	\$	2,500	1.0	\$	2,500	
Security and building repairs	lump sum	\$	1,000	1.0	\$	1,000	
Annual inspections and reports	lump sum	\$	2,000	1.0	\$	2,000	
Site Utilities	annual	\$	1,500	1.0	\$	1,500	
			Operation, I	Maint., Admin costs:	\$	13,420	
Water Monitoring	Units	Unit Cost Quantity/Yr		Quantity/Yr		Total Cost/Yr	
Well Sampling, Analysis & Reporting	each	\$	2,100	16	\$	33,600	
Surfece Water Sampling, Analysis & Reporting	each	\$	550	7	\$	3,850	
Well Replacements	each	\$	500	1	\$	500	
	Gr	ound	and surface water	er monitoring costs:	\$	37,950	
Leachate Management							
	Units	ι	Init Cost	Quantity/Yr		Total Cost/Yr	
Leachate management system repairs	lump sum	\$	10,000	1	\$	10,000	
Leachate Treatment per Year (from Table 2b)	lump sum	s	27,460	1	\$	27,460	
Leachate sampling and testing	lump sum	\$	7,500	1	\$	7,500	
			Leachate	Management Costs:	\$	44,960	
		Ann	ual Post Closur	e Costs Subtotal :	\$	96,330	
,				Contingency (5%):		4,816	
		Tot		Closure Costs:	•	101,146	

^{*}Post closure costs for the active landfill gas collection system are not included as the system is operated on a voluntary basis and would likely be reverted to a passive venting system upon an emergency closure of the site.

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**	10,792,767	\$215,855
Year 2	8,094,575	\$97,135
Year 3	6,070,931	\$72,851
Year 4	4,553,199	\$54,638
Year 5	3,414,899	\$40,979
Year 6	3,073,409	\$36,881
Year 7	2,766,068	\$33,193
Year 8	2,489,461	\$29,874
Year 9	2,240,515	\$26,886
Year 10	2,016,464	\$24,198
Year 11	1,814,817	\$21,778
Year 12	1,633,336	\$19,600
Year 13	1,470,002	\$17,640
Year 14	1,323,002	\$15,876
Year 15	1,190,702	\$14,288
Year 16	1,071,631	\$12,860
Year 17	964,468	\$11,574
Year 18	868,021	\$10,416
Year 19	781,219	\$9,375
Year 20	703,097	\$8,437
Year 21	632,788	\$7,593
Year 22	569,509	\$6,834
Year 23	512,558	\$6,151
Year 24	461,302	\$5,536
Year 25	415,172	\$4,982
Year 26	373,655	\$4,484
Year 27	336,289	\$4,035
Year 28	302,660	\$3,632
Year 29	272,394	\$3,269
Year 30	245,155	\$2,942
Totals Post Closure:	61,454,067	\$823,791

Average Annual Cost over the 30 year period (see Table 2):

\$27,460

^{* -} Leachate Disposal Estimated at \$0.02/gailon (Includes Hauling and Treatment)

^{** -} Year 1 leachate generation based on average generation 2005-2017