

# COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT P.O. Box 8472, Harrisburg, PA 17105-8472

Inspection ID 2837021

### **Inspection Report - Municipal Waste Landfill**

		-p	. rabarr			- H	<b>4</b> 1.111			
Permit Number	101247									
EPA I.D. Number				Employer I	I.D. Number	(EIN)				
Facility Name	KEYSTONE SANI LDI	:L		Operator N	lame	1	KEYSTON	E SANI L	DFLINC	
Address	249 DUNHAM DR			Address		:	249 DUNH	AM DR		
City State Zip	DUNMORE PA 1851	2-2827		City State	Zip	1	DUNMORE	PA 18	3512-2686	
Municipality	35003 Dunmore			County		1	Lackawanr	ıa		
Responsible Official	DOMINICK DENAP	LES		Title			SITE MGR			
Person Interviewed	same			Titlė						
				Telephone	#				X	
Inspector	Robert J Laczi			Title						
eFACTS ID # Clier		Site	452485		PF	4797	59	SF	347084	
Comment										
Inspection: Date	Start 11/16/2021	Time Start		1	Date End	11/16	5/2021	Time E	ind	
Inspection Type RTN	C Routine/Complete Ins	pection		;	Inspection R	esult	NOVIO ~	No Violatio	ns Noted	
Permit Expiration Date	04/06/2025	Days/V	Veek Operated	6			Max	Daily Vol	ume 7500	
3	L - No Violation Observe	d 2 - Not Aj	plicable 3 -	- Not Dete	rmined 4	- Non (	Compliance	5 - Res	solved	
							COMME	NTS	CHAPTER	LINE
STATUS		REQU	IREMENT				ATTACH	ED	CITATION	ITEM
1 2 3 4 5										
			PROVISIONS					<u> </u>		
	Required insurance in eff	ect. Expiration	Date: 03/27/	2022				LJ <u>271</u> .	371	1
	Operation in accordance w	th approved pl	ans and permi	t.				□ 273.	201(c)(2)	2
	Operation within permit bo	undaries (verti	cal and horizor	ntal).				273.	201(c)(2)	3
	Disposal Timing and seque	nce as per Sec	tion 273.112(1	)				<b>273</b>	201(c)(2)	4
	No unapproved wastes or l	iquids.						<b>273.</b>	201(d)-(m)	5
	Isolation distances are adh	ered to.						<b>273.</b>	202(a)	6
	Facilities certification requi	rements follow	ed.					273.	203(a), (b)	7
	Written Department appro-	al of new cons	struction prior (	to waste di	sposal.	÷		<b>273.</b>	203(c)	8
		DAILY O	PERATIONS							
	Proper signs posted.							<u> </u>	211(a)	9
	Site perimeter clearly mark	ed and grid co	ordinate syster	m in use.				<b>273.</b>	311(b)-(d)	10
	Proper barriers installed ar	ound site and a	iccess controlle	ed when at	tendant not p	oresent.		<b>273.</b>	212(a)-(i)	11
	Access roads maintained a	nd negotiable l	y collection ve	hicles.				273.	213(a)-(i)	12
	Approved means of measu	ring and inspec	ted waste utili	zed.				273.	214(a), (b)	13
	Adequate equipment on-si	e and stand-by	equipment av	ailable.				273.	215(a), (b)	14
	Vehicles directed promptly	to unloading a	rea and promp	otly unloade	ed.			.273	216(a), (b)	15

Identification Number

2837021 11/16/2021

Inspection Date

		COMMENTS	CHAPTER	LINE
STATUS	REQUIREMENT	ATTACHED	CITATION	ITEM
1 2 3 4 5				
	Solid waste spread and compacted as approved by Department as part of permit.		273.216(c)	16
	Operator implements fugitive air contaminant control/measures and prevents and control pollution including no exceeding of ambient air quality standards, no open burning, and minimizing generation of fugitive dust emissions from the facility.	oİs air	273,217(a)	17
	Operator complies with Air Quality Plan approval and Air Quality Operating Permit.		273.217(b)	18
	Operator does not cause or allow attraction, harborage or breeding of vector.		273.218(a)	19
	Operator implements nuisance minimization and control plan.		273.218(b)(1)	20
	Opërator performs regular, frequent, and comprehensive site inspections to reduce pote for offsite odors.	ential 🔲	273.218(b)(2)	21
	Operator promptly addresses and correct problems and deficiencies discovered during inspections.		273.218(b)(3)	22
	Operator implements nuisance minimization and control plan to minimize and control of conditions harmful to the environment or public health, or which create safety hazards, dirt, noise, unsightliness and other public nuisances.		273.218(c)	23
	Operator does not receive solid waste at a landfill in excess of the maximum or average volume approved in the permit.	daily	273,221(a)	24
	Operator implements radiation protection action plan.		273.223(a)	25
	Operator monitors incoming waste in accordance with Department's guidance or in a ma at least as protective of the environment, facility staff and public health and safety.	anner 🔲	273.223(b)	26
	Radiation detector elements shall be as close as practical to wasteload and in appropriat geometry to monitor the waste.	te 🔲	273.223(c)	27
	Operator has portable radiation monitors capable of determining the dose rate and prescontamination of a vehicle that has caused an alarm. Upon exceedance of alarm level, a radiological survey of the vehicle is performed.	ence of	273.223(d)	28
	Operator notifies Department immediately and isolates vehicle when radiation dose rates exceeded.	s are	273.223(e)	29
	Monitoring equipment is calibrated at frequency specified by manufacturer, but not less once a $\hat{y}$ ear.	than 🔲	273.223(f)	30
	If radioactive material is detected, vehicle containing material shall not leave facility with written Department approval and an authorized federal Department of Transportation exemption form.	nout	273.223(g)	31
	Uniform cover of the approved daily cover material is placed on exposed solid waste at too each working day or at the end of every 24 hours, whichever interval is less.	the end	273:232(a)	32
	If intermediate cover regires revegetation, it is established within 30 days.		273.233(e)	33
	Slopes constructed during daily landfilling and intermediate cover facilities may not excepercent.	ed 50	273.233(f)	34

Identification Number 2837021
Inspection Date 11/16/2021

	1-10 Violation Observed 2-Not Applicable 3-Not Determined 4-Non Com	DMMENTS	CHAPTER	LINE
STATUS		TTACHED	CITATION	ITEM
1 2 3 4 5	,			-,-,
	Operator does not cause or allow waste pollution within or outside the site from operation of the facility.	of $\square$	273.241(a)-(c)	35
	Operator has restored or replaced adversely affected water supply with an alternative source like quantity and quality.	e of	273.245(a)	36
	Temporary water supply is provided within 48 hours.		273.245(b)	37
	Permanent water supply is provided within 90 days.		273.245(c)	38
	No waste 15 feet of inside top of the lined perimeter berm.		273.252(e)	39
	Lined perimeter berm 4 ft. high constructed and maintained along edge of the lined disposal area.	' П	273.252(f)	40
	Edge of liner clearly marked.		273.252(g)	41
	Alternate leachate recirculation method may be used if approved if one of the liner systems composite liner. $\Box$	isa 🔲	273,274(b)	42
	Underground pipes used to transport leachate to leachate storage impoundments or tanks equipped with secondary containment or comply with 245.445.		273,275 <u>(g)</u>	43
	Operator isolates coal seams, coal outcrops and coal refuse from waste deposits to prevent combustion of waste and damage to liner.		273,291(a)	44
	Mine openings within site sealed as approved by Department.		273.291(b)	45
	Operator implements plan for controlling potential damage from subsidence submitted and approved under 273.120.		273.291(c)	46
	Landfill designed, constructed, maintained and operated to prevent and minimize potential fifre, explosion, or release of solid waste constituents into air, water, or soil of the Commonwealth.	or 🔲	.273.301	47
	Emergency equipment including portable fire extinguishers, fire control equipment, spill conequipment, and decontamination equipment available. For fire equipment requiring water, facility has a water supply of adequate quantity and pressure to supply the equipment.	trol 🔲	273.302(a)	48
	Emergency equipment tested and maintained.		273,302(c)	49
	Adequate space maintained to allow unobstructed movement of emergency personnel and equipment.		273,302(d)	50
	Litter controlled/collected and barriers/fences in place.		273.220(a)-(c)	51
	COVER/SLOPES/REVEGETATION			
	Daily/intermediate cover meets performance and design requirements.		273.232(b) AND 273.233(b), (c)	52
	Minimum 5 day supply of daily and intermediate cover maintained on-site.		273,232(c) AND 273,233(d)	53
	Intermediate cover applied within time limits.		273.233(a)	54
	Intermediate slopes do not exceed 50%.		273.232(d)	55
	Cap placed over entire surface of final lift meets performance standards.		273.234(a)(1)	56
	Final cover meets performance and design requirements; applied within time limits.		273.234(b)-(e)	57
	Final slopes stable and erosion controlled.		273.234(f)	58
	Final slopes graded 3-15% or terraced to 33% as approved.		273.234(g)	59

Identification Number

2837021

Inspection Date

11/16/2021

		COMMENTS	CHAPTER	LINE
STATUS	REQUIREMENT	ATTACHED	CITATION	ITEM
1 2 3 4 5				
	Minimum revegetation and successful revegetation requirements adhered to.		273.234(a)-(e) AND 273.236(a), (b)	60
	WATER QUALITY PROTECTION			
	Surface and groundwater treatment facilities properly operated and maintained.		273.241(b)	61
	Surface water percolation minimized/prevented.		273,232(b)(1) AND 273,234(e)(4)	62
	Soil erosion and sedimentation controls designed and implemented as per approved plangulfies over nine inches repaired.	ns;	273.242(a)-(c)	63
	Sedimentation ponds and discharge structures designed, constructed, operated, and maintained in accordance with Chapters 273, 102, and 105.		273,243(a)-(g) AND 273,244	64
	LINER SYSTEM			
	Liner system designed, constructed, operated, and maintained when required.		273.251(a), (b)	65
	Edge of liner requirements adhered to (i.e., no waste within 25 feet if adjacent liner, 4 f high lined berm, to prevent lateral escape of leachate, adequate spacing on inside of be collect stormwater and sediment).		273.252(d)	66
	Leachate detection zone monitored weekly.		273,255(c)	67
	Protective cover protects primary liner and leachate collection system and allows free fid leachate into the collection system,	ow of	273.257(a)	68
	Protective cover meets minimum requirements and at least 18 inches thick.		273.257(b)	69
	Leachate collection system within protective cover meets minimum requirements.		273.258(a), (b)	70
	Barrier designed, constructed and maintained as required to prevent lateral migration of leachate off-site in surface mined areas.		273.259(a)-(d)	71
	8 feet of select waste placed over protective cover.		273.260	73
	LEACHATE TREATMENT			
	Leachate collected and handled through Department approved method(s)		273.272(a)-(c)	74
	Leachate transportation requirements adhered to.		273.273(a)-(c)	75
	Cessation of site operation if alternate leachate handling not available.		273.273(ď)	76
	Leachate treatment system permitted and fully operational at least 3 years before closur	re. 🔲	273.273(e)	77
	Leachate recirculation in accordance with regulators.		273.274(1)-(4)	78
	Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gal whichever is greater.	llons,	273.275(a)-(f)	79
	Leachate flow rate measured daily; analyzed quarterly.		273.276(a)-(b)	80
	Department notified when remedial action(s) required.		273.277(1)-(4)	81
	WATER QUALITY MONITORING			
	Approved monitoring system installed and maintained.		273.281(a), (b) AND 273.283	82

Identification Number

2837021

Inspection Date

11/16/2021

	co	MMENTS	CHAPTER	LINE
STATUS	REQUIREMENT AT	TACHED	CITATION	ITEM
1 2 3 4 5				
	Quarterly and annual monitoring requirements adhered to and results submitted to Department within time constraints.	ent 🔲	273.284 AND 273.285	83
	Groundwater assessment plan submitted and implemented as required,		273.286(a)-(g)	84
	Groundwater abatement plan submitted and implemented as required.		273.287(a)-(f)	85
	RECORDKEEPING AND REPORTING			
	Operational records maintained, available and submitted as required.		273.288 AND 273.311-273.313	86
	Daily Operational Records kept in accordance with regulations for the life of the facility bond longer if necessary.	or $\square$	273.311(d)	87
	Operator submits quarterly operation report.		273.312	88
	Operator submits annual operation report with fee.		273.313	89
	MINERALS AND GAS			
	Gas venting and monitoring in accordance with approved plans.		273.292(a)-(d)	90
	Combustible gas levels not exceeded.		273.292(e)	91
	Forced gas venting if required.		273.292(f)	92
	Gas recovery conducted as per approved plan and Section 273.293, including annual analysis	i. 🔲	273.293(a), (b)	93
	EMERGENCY PROCEDURES	_		
	Contingency plan implemented if there is an emergency.	Ш	273.303(a)-(c)	94
	RECYCLING	_		
MULLIU	Operator shall salvage and recycle waste in accord with recycling plan. (273.196)	니	273.331(a)	95
	Salvaging and recycling controlled by operator and prevents interference within operations at prevents health hazardous nuisance.	nd 🔲	273.331(b)	96
	Salvaged materials stored in an approved area or transported offsite.		273.331(c)	97
	Drop off center established for at least three recyclables.		273.332(a)	98
	Drop off center properly located, contains bins or containers, open at least 8 hours per week and 4 hours during evenings or weekends.		273.332(b), (c)	99
	Approved public notice of availability of drop off center availability is provided.		273.332(d)	100
	On or before January 15 each year, operator informs municipality in writing of weight and ty of materials recycled previous year.	pe 🔲	273,332(e)	101
	SPECIAL HANDLING AND RESIDUAL WASTES			
	Special handling and residual wastes disposed with prior Department approval, and in accordance with permit and Chapter 273.		273.501	102
	Infectious waste disposal restrictions adhered to.		273.511(a)-(d)	103
	Chemotherapeutic waste disposal restrictions adhered to.		273.512	104
	Sewage sludge co-disposal and monofill requirements followed.		273.513	105
	Sewage sludge sampling requirements adhered to and sludge meets standards for control of pathogens, vectors, and odors.		273.13(c)	106
	Disposal of municipal waste incineration ash in landfill or landfill cell that meets Chapter 273 requirements.		273.514(a)	107

Identification Number

2837021

Inspection Date

11/16/2021

		COMMENTS	CHAPTER	LINE
STATUS	REQUIREMENT	ATTACHED	CITATION	ITEM
1 2 3 4 5				
	Ash residue disposal in dedicated landfill or landfill cell unless co-disposal in accordance w Chapter 273 (including leachability treatment).	ith	273.514(b)	108
	Ash residue covered immediately or as approved by the Department.		273.514(c)	109
	BONDING AND INSURANCE			
	Bond filed with Department.		271.312	110
	Bond maintained in an amount and with guarantees as required.			
	- Bond amount \$ 34,284,695		271.333(b)	111
	- Phased Deposit Due Date:			
	Proof of a commercial policy of liability insurances submitted to the Department as specific 271.374.	ed by		
	Policy*# R00G4L21		271.374	112
	Insurer (company name) Aspen Specialty Insurance			
	Expiration Date:			

2540-FM-BWM0131

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT

Company/Facility/Site Name KEYSTONE SANI LDFL

Identification Number

Inspection Date

2837021

11/16/2021

#### **INSPECTION REPORT COMMENTS**

#### Comments:

A routine inspection was conducted at Keystone Sanitary Landfill with Site Manager Dominick Denaples and Robert Laczi of the Pa DEP. The following items/elements were observed/discussed:

Access road and road leading to the working face were in good condition and free of litter and debris. Water truck was in use as was the truck wash.

Slopes were observed to be in good condition and free of any wind blown litter at the time of the inspection. No leachate seeps were noted at the time of inspection and erosion gullies caused by recent rains were being repaired as part of routine maintenance.

Working face operations in Pad 12 slope of Pad 11 were observed to be in accordance with Departmentally approved methods. Two faces were in use at the time of inspection with two tippers, compactors and buildozers at each. Employees were observed to be collecting any litter that was blown away from the working face and litter fencing was in place to minimize the amount of waste that escapes the area. USDA wildlife control was also on site for vector management. Only expected working face odors were noted near the working face at the time of the inspection with no other odors noted on or off site at the time.

There have been no problems to report with the gas collection system and landfill gas was being flared off. PEI was off line at the time of the inspection.

The RO treatment plant continues to run with no problems to report and the biological treatment plant is off line. The new RO treatment plant has been delivered and was being connected at the time of inspection. Installation is expected to be completed and plant should be operational by December 3, 2021. Optimal leachate treatment is expected to be near 180,000 gpd. No leachate was being stored in the temporary leachate storage tank or the oil tank and leachate in storage was at 54.76% of capacity.

2540-FM-BWM0131

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT

Company/Facility/Site Name KEYSTONE SANILDFL

Identification Number

2837021

Inspection Date

11/16/2021

#### **INSPECTION REPORT SIGNATURE PAGE**

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either Violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

Signature by the persons interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.

Person Interviewed	(Signature)	Date	11-17-21	
Inspector	Robert Laczi	Date _	11/17/2021	