

FULLER COMPANY

July 3, 1975

Valley Disposal R. D. #1 Allentown, Pa. 18102

Attention: Mr. Louis Novak

Gentlemen:

As per our telephone conversation of a few days ago, the following is a typical chemical analysis of the material of which we are looking for a means of disposal.

## CHEMICAL ANALYSIS (% Wt. Dry Basis)

10.00	27		
Si02			 19%
Al <sub>2</sub> 0 <sub>3</sub> .			 4%
Feg0s.			
Ca0			
Mq0			
K <sub>2</sub> 0			
Na <sub>2</sub> 0			•
S			
C			
LOI		i .	- •
CO2			_
UU9			 J. U/0

The iron is in the form of ferric oxide. The bulk density of the material varies from 60 to 65 pounds per cubic foot.

Because the facility for manufacturing this material is only an experimental plant, the amount of disposable material will vary. We do not anticipate manufacturing more than 10 yd. a week and, on the other hand, there may be periods of several weeks when no material will be made.

We appreciate your efforts in helping us to find a source of disposal of the material.

Sincerely yours,

EULLER COMPANY,

200202

Thomas R. Lawall, Manager

Process Group R&D Department

TRL: hw

	nicipality	A whitehal				ldentification	n No/ <u>005</u>	34
Cou	nty <u>XII</u>	<i>K</i>	COMMONWEALTH COMMO	ONMEN ID PROT	TAL RESO	JRCES	Date 07-07	-75
Nam Add	iress _R	Disposal Facility  Les True  Cles true  Disposal Facility  Compliance: NA-Non-Ap		Nam Addi		Proprietor Marak # 1 Ulle Farm		
A.	75.43, .93	Access Road	C NC NA	Р.	75.92	Standby Equipment	C NC NA	
В.	75.44, .94	Weighing or Measuring Facilities		a.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
D.	75.46	Fire.Protection		S.	75.98	Burning	C	
E.	75.47	Limited Access		T.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		V.	.112	Thickness of Cells		
H.	75.50	Vector Control		w.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		
373.	75.52	Employee Facilities		Y.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution		Ż.	.116	Sewage Solids, Liquids & Hazardous Wastes		
	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		•
M.	75.84	Prevention of Ground		BB.	.118	Placement in Ground Water	ORIGINAL C	•
		Water Pollution	_	CC.	.119	Final Grading & Seeding		
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		•".
<b>o.</b>	75.91	Equipment				After Operations Have Ceased	20020	
Spec	ify all violations, i	indicate required corrective	measures and indicate abatement	t time fo	or all NC iter	ns on page 2 of the Inspectio	n Report	

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Vyhentrof Environmental Resources Representative

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(C	-Compliance; NC-No	on-Compliance; NA-Non-Ap	opticable)		<del></del>			
	•		C NC NA				C NC NA	
A.	75.43, .93	Access Road		Р.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or		Q.	75.96	Size of Working Face		
C.	75.45	Measuring Facilities  Communications		Ŗ.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		τ.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage :		V.	.112	Thickness of Cells		
AH.	75.50	Vector Control		W.	.113	Daily Cover		
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**	ું. 75.52	Employee Facilities		Y.	.115	Final Cover		
K	<b>75.53, .120</b>	Operational Records and Plan Execution	<b>C</b>	ż.	.116	Sewage Solids, Liquids & Hazardous Wastes		
X.L	75.82	Cover Material		AA.	.117	Bulky Waste		* ' <b>2</b>
M	75.84	Characteristics  Prevention of Ground		88.	.118	Placement in Ground 607  Water		
N.	75.85	Water Pollution  Drainage of Surface  Water		CC.	.119 .121	Final Grading & Seeding  Continued Maintenance  After Operations Have	@	••• <u>•</u>
<b>o</b> .	75.91	Equipment				Ceased	200205	

ID# 100534

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		Water		DD.	.121	Continued Maintenance After Operations Have		
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Spec	ify all violations	, indicate required correctiv	e measures and indicate abatem	ent time fo	r all NC ite	ms on page 2 of the Inspecti	en Maria e	

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Disposal Facility Land Napard Ruce

Date 07-3/-75

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В.	75.44, .94	Weighing or		a.	75.96	Size of Working Face		
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E.	75.47	Limited Access		Т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and		
G.	75.49	Salvage				Compacting		
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K.	75.53, .120	Operational Records		Z.	.116	Sewage Solids, Liquids		
	·	and Plan Execution				& Hazardous Wastes		
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C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
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E.	75.47	Limited Access		т.	75.99	<b>Dust Control</b>		
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G.	75.49	Salvage		V.	.112	Thickness of Cells	C	
ън. 23 (2)	. 75.50	Vector Control		W.	.113	Daily Cover		
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K	<b>75.53, .120</b>	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
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M.	<b>75.84</b>	Prevention of Ground		88.	.118	Placement in Ground Water		}
N.	75.85	Water Pollution  Drainage of Surface		CC.	.119	Final Grading & Seeding	<i>ii,</i>	•••
o.	75.91	Water		DD.	.121	Continued Maintenance/ After Operations Have Ceased	2002	11
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Date	27-75
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of import of Environmental-Resources Representative

The John Operator

Bethlehem Office 520 East Broad Street Bethlehem, Pa. 18013 \*phone: 865-5750

August 27, 1975

Rei

Novak Sanitary Landfill South Whitehall Township Lehigh County - ID-100534

Mr. Harold W. Campbell, P.E. C. A. Costello Engineering Co. 943 N. Seventh St. Allentown, Pa. 13102

Dear Mr. Campbell:

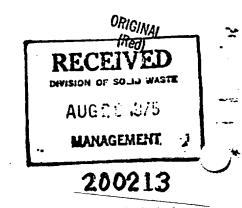
Regarding your correspondence of April 13, 1972, in which you requested a field meeting to review the location and access to the field staked monitoring well locations, please be advised that the Department Geologist wishes in the near ruture to make an on-site investigation concerning your request.

Please contact me at your earliest convenience concerning date and time acceptable for the same.

Sincerely yours,

CARL F. GITSCHIER Solid Waste Specialist

CFG: cws



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES RECEIVED BUREAU OF LAND PROTECTION  LAND DISPOSAL INSPECTION REPORT  Compliance: NC-Non-Compliance: NA-Non-Applicabile)  C NC NA  A. 75.43, 93  Access Road  C NC NA  B. 75.44, 94  Weighing or Measuring Facilities  C. 75.45  Communications  C. 75.46  Fire Protection  C. 75.48  Fire Protection  C. 75.49  C. 75.48, 95  Unloading  C. 75.48, 95  Unloading  C. 75.49  C. 75.49  C. 75.49  C. 75.49  C. 75.49  C. 75.40  C. 75.41  C. 75.42  C. 75.43  C. 75.45  C. 75.46  C. 75.47  C. 75.48  C. 75.49  C. 75.49  C. 75.40  C. 75.40  C. 75.40  C. 75.40  C. 75.40  C. 75.41  C. 75.42  C. 75.45  C. 75.45  C. 75.46  C. 75.47  C. 75.47  C. 75.48  C. 75.48  C. 75.49  C. 75.49  C. 75.40  C. 75.40  C. 75.40  C. 75.40  C. 75.41  C. 75.42  C. 75.45  C. 75.45  C. 75.46  C. 75.47  C. 75.48  C. 75.49  C. 75.49  C. 75.40  C. 75.41  C. 75.42  C. 75.45  C. 75.45  C. 75.46  C. 75.47  C. 75.47  C. 75.48  C. 75.49  C. 75.49  C. 75.40  C. 75	<u>e</u>	n No. 10153	( ) Identification	•	•		4	the fit heleful	icipality July	Mun
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and Safety  X114 Intermediate Cover  Y115 Final Cover			Daily Cover	.113	w.			Vector Control	∵ <b>7</b> 5.50	FH.
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75.53, .120 Operational Records Z116 Sewage Solids, Liquids			Final Cover	.115	1 <b>Y</b> ,	• 		Employee Facilities	76.52	<b>1</b>
and Plan Execution & Hazardous Wastes			Sewage Solids, Liquids & Hazardous Wastes	.116	Z.		<u>C</u>		. 75.53, .120	秋
75.82 Cover Material AA117 Bulky Waste Characteristics			Bulky Waste	.117	AA.				75.82	TOL-
M. 75.84 Prevention of Ground Water Pollution  BB118 Placement in Ground Water ORIGINAL OR		PRICUL	101-4	.118	BB.				75.84	M.
N. 75.85 Drainage of Surface C C119 Final Grading & Seeding	1		Final Grading & Seeding	.119	cc.		افالا		<b>75.85</b>	N.
Water DD121 Continued Maintenance				.121	DD.		المنال		- · · · <del>-</del>	
After Operations Have Ceased 200214  Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspect	1		Ceased			: :				م

ER-BLP-09 REV .. 3/74

Disposa	at Facility Moresk Super Bue
	ID# 100534
Date	08-27-25

Odditional month is needed in the Rive to medid alonge who share this pread ones. A petining beam to needed alonge the Arthur or leaster and close to the property line as the cretical in the plans fravourly approach, clerationare in the first property of the same.

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Department of Environmental Resources Representative

List Word

	cipality	If white			3	Identification	No. 100539	2
Coun	ny Kelig	ik	COMMONWEAI	LTH OF PENNS	YUVANIA.	ECHIVED	Date <u>09 - 12 -</u>	-2s
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(C-Co	mpliance; NC-No	n-Compliance; NA-Non-A	oplicable) C NC NA				CNCNA	
A.	75.43, .93	Access Road		P. 7	5.92	Standby Equipment		- +
В.	75.44, .94	Weighing or Measuring Facilities		<b>a</b> . 7	5.96	Size of Working Face		•
c.	75.45	Communications		Ŗ. 7	75.97	Control of Blowing Litter		\
r	75.46	Fire Protection		s. 7	5.98	Burning		
چ. م	75.47	Limited Access		τ. 7	75.99	Dust Control		
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G.	75.49 75.50	Salvage Vector Control		<b>v.</b>	.112	Thickness of Cells		
	75.51	Accident Prevention		e <sub>r de</sub> Selfer de	.113	Daily Cover		
		and Safety		<b>x.</b>	.114	Intermediate Cover		÷
J. ,	75.52	Employee Facilities		<b>Y.</b>	.115	Final Cover		
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••	75.85	Water Pollution		CC.	.119	Final Grading & Seeding		
N.	73.03	Drainage of Surface Water		OD.	.121	Continued Maintenance		•••
i	<b>/</b> 75.91	Equipment				After Operations Have Ceased	200216	2
Speci	fy all violations, i	indicate required correctiv	e measures and indicate aba	tement time for a	III NC items	on page 2 of the Inspectio		

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Disposal Facility Morak Steeless Ruea ID# 100534 15.43 additioned work is needed on the mei. entrance road which seves the disperel and Construction of the "new road should be completed before call weeken selven to facilitate. 75.49 Salogal meterials should be removed from the immediate disposal over and stock in an orally server for re-75.85 Platition grade (Elevation) with will be needed in the area to the East of the entrance read sirior, to start ing to wee that and for disposal to assure that anfare water will flow any for de refuse. 75.117. Bo required in the plan, the sail beam must be constructed to the East and south of the primiter of the denstition, disposed ones in the sea labore. This portion of the sete is now progressey along to a soint in the sete plan calley for been declopment, the property when find elevation is Established and cover-his han placed must be graded, propared and salely properties in the approved of salely properties in the approved of them. This must be accomplished before the in the approved of plane the in the approved of plane the planting season.

Into property of safeties Representative 75.119 Place portions of the chaperal area in the month west area of

REGIONAL OFFICE

LETTL! OF TRANSMIT **GENTLEMEN:** \_the following items: WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via\_\_\_\_\_ ☐ Shop drawings □ Samples ☐ Specifications □ Prints ☐ Plans □ Copy of letter Change order DESCRIPTION COPIES DATE 14/12 THESE ARE TRANSMITTED as checked below: ☐ Approved as submitted ☐ For approval ☐ Resubmit\_\_\_\_copies for approval 西 For your use ☐ Approved as noted ☐ Submit \_\_\_\_\_copies for distribution ☐ As requested ☐ Returned for corrections ☐ Return\_\_\_\_corrected prints For review and comment 19 PRINTS RETURNED AFTER LOAN TO US FOR BIDS DUE\_ LAMOFILL INSPECTED 9-17-75

ER-I	BLP-09 REV. 3/7	wek White	15%				
Mur	nicipality Ag	riff White	<u> </u>			Identification	No. 100534
Cou	nty_XIN	ijh			•	RECE	Date-10/01/75
	•		COMMONWEALTH O			Living St	. C. 12 INCIE
			BUREAU OF LAN			nces .	23 975
	•		LAND DISPOSAL IN	SPECT	ON REPOR	RT \$ wAXX	EIMINT, III
						A CONTRACTOR OF STREET	
	<i>(</i> 3	Disposal Facilit	<u>xy</u>			Proprietor	
Nam	10 Rosel	K Disposal	<del>-</del>	Nam	· Lau	is I Nov	4K
. Add	iress R #			. Add	ress <u>K</u>	#1-	<del></del>
		entara.			$\mathcal{L}$	Photom	
(C-C	ompliance; NC-Ne	on-Compliance; NA-Non-A	oplicable)				
A.	75.43, .93	Access Road	C NC NA	Р.	75.92	Standby Equipment	C NC NA
	-			! !			
В.	75.44, .94	Weighing or Measuring Facilities		a.	75.96	Size of Working Face	
Ċ.	75.45	Communications		R. ,	75.97	Control of Blowing Litter	
D.	75.46	Fire Protection		S.	75.98	Burning	
E.	75.47	Limited Access	C	т.	75.99	Dust Control	
F,	75.48, .95	Unloading		U.	.111	Spreading and Compacting	
G.	75.49	Salvage		v.	.112	Thickness of Cells	
H.	75.50	Vector Control					
	75.51	Accident Prevention		W.	.113	Daily Cover	
	idi.	and Safety		X.	.114	Intermediate Cover	
<b>2</b> 5	75.52	Employee Facilities		Υ.	.115	Final Cover	
K	75.53, .120	Operational Records and Plan Execution		z.	.116	Sewage Solids, Liquids & Hazardous Wastes	
L	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste	
<b>M.</b>	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water	Red)
<b>61</b>	75.05			cc.	.119	Final Grading & Seeding	
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance After Operations Have	
0.	75.91	Equipment	<b>U</b>			Ceased	200219

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection R

O The main entrance toad in rough but pertalle. Contruction is proceeding with the new Entrance pisposal Facility Morak Signad Aile-ID# 100534 75.49, Salogel weste out material Date 10/01/75-for recycling must be removed from the sity of the lind fill off-evation duly. Invally, more worth is needed in that place of the aperation, In pontrular housekieping is needed in the daily operation of the pite. Refuse, salongh metallic che, must be pre In moved from the area along the Entrance road, broug site, and oness along the Corners ones and Completed lift area, This will give the set a next appenere. 75.45. Aldihard grade (exerctions) one need is the selections approved place: Periodic reports one need on the states of the sete Enstruction. additional work is needed on Construction of the bern in the deseletion were. 75.119 Time love ( top soil ) Brepenhin and seeding spreadures smat be initiated on those ones where the set his liver Couplied. Clearly, there areas to the west and north west purthe worked on. K.J. Howell

ER-BWO-13 . EACILITY SAMPLE	DEPARTMEN	ONWEALTH OF PENNSYLVANIA NIT OF ENVIRONMENTAL RESOURCES OF WATER QUALITY MANAGEMENT	Lab Number	je da spojava je sast
W STREAM/RANDOM SAVPLE	7.1	R WASTE QUALITY REPORT	Date Received	
1 2 NETWORK SAMPLE	ALL CH	EMICAL ANALYSES EXPRESSED IN	Sat ARCOND	
ESTABLISHMENT A.E	MG/L	UNLESS OTHERWISE SPECIFIED	<u> </u>	COLL NUMBER
ESTABLISHMENT NUVY S STORY	<i>i. 4.</i>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Ve-C
COUNTY LE 4164 MUNICIPALITY	PROGRAM	COLL NAME	T	YPE TR STO ANALYSIS
CARD (3) ID CODE (ALL CARDS) 4-16	LATITUDE 4-1	LONGITUDE 11-18	DATE 19-24 T	IME 25-28 KIND 29
1 Cnty Mun T Est Case Fa	1 40 35	151710175151514616	12/70	H 415
10 (1-1 4) ( 6 -1	E NUMBER 38-43	STREAM NAME 44-57	1. 10	RELATIVE POINT 58
1/16/21/1/MU13		· I TERIORY	> FURITIEF	<del></del>
TRIBUTARY TO: FULL DESCRIPTION WHERE SAMPLE TAKEN:	سرمنع .	1 1 15 18	-VAL -	ADDITIONAL LAB ANALYSES
	·	HOUSE ,		POLESE PERM
<del></del>	1)/:		,e(C	Comment to See
FIELD ANALYSES	Margaret A	LAB AN	Unit T	1: I was a start
Type Sample 59-60	Chemist,	WOU/	Date Analyzed	( <u>U /23/13</u>
Source of Sample 61-62	Color	(00080)	Total Solids (005	5000
Reason Sampled 63-64	Turb	(00070)	Susp Solids (00)	5301
Composite Proportional 65 Sample	рH	(00403)	Set. Solids (005	545)
Temporal Spatial 66	Spec Cond	11 W S Shutt	Total Diss Solids (005	151
Aliquots 67-68	Alk	00410)	NO2-N (006	(15)
Flow Estimated . Measured . 69	pH4	004361	NO3 · N (006	5201
Condition Above -1 Normal -2 Flood -5 80 Selow -3 No Flow -4 CARD (2)	ρHg.	004371  004351	NH3 N (006	510)
Stream Flow-CFS (00061)	T.O.C.	006801	Kjel-N (006	525)
Stream Flow-MGD (50061)	C.O.D.	00340)	Hardness (005	9001
-Pipe Flow-MGD (50050)	5-Day BOD	(00310)	Ca** - diss 1005	915)
Gage Reading-Ft. (00065)	D 7	(00665)	Mg**- diss (009	125)
Temp (C) (00010)		(00666)		
рн -100400) 7	Al-Tot ug/l	(01105)	SO <sub>4</sub> 1009	
0.0. (00300)	Cd-Tot ug/t	(01027)	CI (009	140)
CI (50060)	Cr-Tot ug/I	(01034)	F (009	9511 1/G/14
Hal Br (71871)	Cu-Tot ug/I	(01042)	'm	
(71866)	Fe-Tot ug/l	(01045)	Phenois Dr (460 Ds (327	
Spec Cand (00094)	Mn-Tot ug/I	(01055)	Cyanida (007	7201
Appearance (45001)	Ni-Tot ug/l	(01067)	1 a mark	7 - 7 - 7 - 7 - 7
CUSTODY LOG	Pb-Tot ug/I	(01051)		
How ShippedDate			<u> </u>	) [
	Zn-Tat ug/l	(01092)		
	<u> </u>		200	221
4		REGIONAL OFFICE	The second second second	COUCS

ER-BWQ-13 REV. 12-72 W STREAM/RANDOM SANPLE 1 2 NETWORK SAMPLE ET ISHMENT CASE	WATER O	ONWEALTH OF PENNSYLVANIA NT OF ENVIRONMENTAL RESOURCES OF WATER QUALITY MANAGEMENT R WASTE QUALITY REPORT EMICAL ANALYSES EXPRESSED IN UNLESS OTHERWISE SPECIFIED	Lab Number  Date Received		COLL NUMBER
	: # 1 = j.				
COUNTY MUNICIPALITY TO				YPE TR	STO ANALYSIS
					<u> </u>
CARD (3) ID CODE (ALL CARDS) 4-16 Conty   Mun   T   Est   Case   Fac	LATITUDE 4-1	LONGITUDE 11-18	DATE 19-24 M D I Y	TIME 25-28 Hr	KIND 29
	467 15	1215101715 213 31410	Laterday	100 1	
	NUMBER 38-43	STREAM NAME 445	1300	REI	ATIVE POINT 58
016 21/1/1/14 3		1 17 19 474	9 14477191		
TRIBUTARY TO: FULL DESCRIPTION WHERE SAMPLE TAKEN:				ADDITIONA	L LAB ANALYSES
TOLE DESCRIPTION WHERE SAMPLE TAKEN.	- 0.	il in the second	A 4 86 5	<u> </u>	
	<del></del>		2 12 10 10 10	-	of soil bearing
uprece north it	1.7	MICH LECE		<del></del>	
' FIELD ANALYSES		7- MII LABAN	ALYSES	/	42 105
Type Sample 59-60	Chemist		Date Analyzed	_0	123/95.
Source of Sample 61-62	Color	(08000)	Total Solids (00	5001	
Reason Sampled 63-64 .	Turb	(00070)	Susp Solids (00	5301	
Composite Proportional 65 Uniform 65	рН	(00403)	Set. Solids - (00	545)	
Temporal Spatial 66	Spec Cond	(00095)	Total Diss Solids - 100	515)	
Aliquots 67-68	Alk	1004101	NO <sub>2</sub> -N (00	615)	
Estimated Measured 69	PH4	004361	NO3 : N _ 100	6201	
Condition Above - 1 Normal - 2 Flood - 5 80 CARD (2)	pHg Cold	00437)	NH3 -N 100	6101	
Stream Flow-CFS (00061)	T.O.C.	00680)	Kjel -N (00	625)	
Stream Flow-MGD (50051)	C.O.D.	00340)	Hardness of 100	900)	
Fipe Flow-MGD (50050)  Gage Reading-Ft. (00065)	5-Day BOD	00310)	Ca <sup>++</sup> - diss 100	915)	
Temp (C) (00010)	P 75	(00685)	Mg <sup>++</sup> - diss 100	925)	
вн (100400) 75с	Al-Tot ug/l	1011061	so <sub>4</sub> 100	9451	
D.O. (00300)	Cd-Tot ug/i	(01027)	CI (00	9401 .	11/1
C1 (50060)	Cr-Tot ug/l	(01034)	F 7' (00	954	
Mal Br (71871)	Cu-Tot ug/l	(01042)	MBAS (38	260)	
I (71866) Spec Cond (00094)	Fe-Tot ug/l	101045)	Phenois Dr (46)		
Appairance (46001)	Mn-Tat ug/l	(01055)	Cyanide (00	7201	
0 (01330)	Ni-Tot ug/l	(01067)		, []	احتمالا
CUSTODY LOG	Pb-Tot ug/i	(01051)			
How ShippedDate	Zn-Tat ug/l	(01092)	2062	2,3	
	]		AU U &	E: 64	
2 constants - San	2.50	REGIONAL OFFICE	The same of the sa	F	OR CODES

Monk to the same Events 4-7-75 Memo Kraulill to Woshko. - Kraylill securing data. to place this establishment on the WAMIS Extense. The data did not indicate that monitoring wells will dulled, or if drilled, that water somple analyses had 1551 submitted, analysis could determine the states of the con (not or Comple) Kraylellis more morely Grought to Work ho's cetter time this facil of pennet Correlationer (0: 126 (yt- 4-7-75 pueme) maior Works to Kiagie (T- Washto admice his Central) Office staff didirect achieved whose a request for a feeld meeting and westile asked hughered to meet with the Novaps. 6-5-75 meno Krayliel to Work of a refle is the 4-16-75 munic ( Krayfull recognise meno Tardy, scenist har boss, mislaid on his clarke). Parks broughtle mano to Hayarlorus Tours copy of the meno Parlis devilated the miliono for. Kacyletto segnature. It does veem offuntate 6-10-75 meino Washto to Bear as a rifly to Krayfulls

Weras of 6-5-75. The waterwest " Serice the

A demonstration				
1	regional geo	Cogist refuses to	in watigate	Seame
	unreal in	new of Kraylil	la character.	I wrote
Water Lawrence Construction	a mano (6.	logist refuses to new of Krauliil -10-75) to we	sho after confer	ring with the
			/ 0	
6-10-75	Frank to Wa	shlow as right of the street of a line of a	6-10-75M	Herno ho
•	Washbo refer	ring to his stre	na statemen	ford
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	much delay	১/ ১		
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6-10-75	Shortly alet	to Herris 6-10.	-75 ME 1100 -	wis -
		Walker, two		
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And the second second	from Kranlie	C. no expla	vater affer	ed
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7-9-75	- No cornu	runication to	date on four	NO 6-10-73
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<i>ii.</i>			ORIGINAL (Red)	3
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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES SUREAU OF LAND PROTECTION  LAND DISPOSAL INSPECTION REPORT  Disposal Facility  Name Agricult  Address Afficial  Address Affic	County_	Killy	36						Date _//- /.7 -	- 75
Disposal Facility  Name Device Standard Compilance: NA-Non-Applicables  Address TH   Address TH  Address TH   Address TH   Address TH   Address TH   Address TH		l		DEPARTME	NT OF ENVIR	ONMEN	TAL RESO	<b>A</b>		 
Name Actives Address A		·		LAND	DISPOSAL IN	SPECTI	ON REPO	ORT SOLDER	en e	
Name Actives Address A	<del></del>		Disposal Facilit					Proprietor		
Compliance; NC-Non-Compliance; NA-Non-Applicable    C NC NA	Name	hove	K Saporal.	Ct	# 1 m m m m m m m m m m m m m m m m m m	Nam	Kenn	. —		
C. Compliance: NC-Non-Compliance: NA-Non-Applicable   C. N.C. NA	Address	R#	1			Addr	ess I	#1		<del></del>
A. 75.43, 93 Access Road  A. 75.43, 93 Access Road  A. 75.44, 94 Weighing or Measuring Facilities  C. 75.45 Communications  C. 75.46 Fire Protection  C. 75.47 Limited Access  C. 75.48, 95 Unloading  C. 75.49 Salvage  C. 75.49 Salvage  C. 75.50 Vector Control  C. 75.50 Vector Control  C. 75.51 Accident Prevention and Safety  C. 75.52 Employee Facilities  C. 75.53, 120 Operational Records and Plan Execution  C. 75.84 Prevention of Ground Water  C. 75.85 Orainage of Surface Water  M. 75.86 Price Protection  C. NC. NA  P. 75.92 Standby Equipment  C. NC. NA  P. 75.92 Standby Equipment  C. NC. NA  P. 75.93 Salvady Equipment  C. NC. NA  P. 75.92 Standby Equipment  C. NC. NA  P. 75.93 Salvady Equipment  C. NC. NA  P. 75.93 Salvady Equipment  C. NC. NA  P. 75.94 Size of Working Face  C. NC. NA  P. 75.95 Size of Working Face  C. NC. NA  P. 75.96 Size of Working Face  C. NC. NA  P. 75.96 Size of Working Face  C. NC. NA  P. 75.96 Size of Working Face  C. NC. NA  P. 75.96 Size of Working Face  C. NC. NA  P. 75.96 Size of Working Face  C. NC. NA  P. 75.96 Size of Working Face  C. NC. NA  P. 75.97 Control of Blowing  C. N. 75.99 Dust Control  C. N. 111 Spreading and  C. N. Na  C. N. 111 Spreading and  C. N. Na  C. N. 112 Thickness of Cells  W 113 Daity Cover  C. N	A Cleres	_au	referen					allet our, Fo	<u>a</u>	
A. 75.43, 93 Access Road	(C-Compl	iance; NC-No	n-Compliance; NA-Non-A	pplicable)				·		
				C NC	NA ()				C NC NA	
Measuring Facilities C. 75.45 Communications C. 75.46 Fire Protection C. 75.46 Fire Protection C. 75.47 Limited Access C. 75.47 Limited Access C. 75.48 Burning C. 75.47 Limited Access C. 75.49 Dust Control C. 75.49 Dust Control C. 75.49 Dust Control C. 75.49 Dust Control C. 75.40 Compacting Compa	<b>A.</b> 75.	43, .93	Access Road	<u>c</u> _		Ρ.	75.92	Standby Equipment	@	
R. 75.97 Control of Blowing Litter  75.46 Fire Protection C	3, 75.	.44, .94	* *			Q.	75.96	Size of Working Face		
75.47 Limited Access	. 75.	.45		<b>U</b>		R.	75.97			
75.48, 95 Unloading  U111 Spreading and Compacting  76.50 Vector Control  V112 Thickness of Cells    76.51 Accident Prevention and Safety  X114 Intermediate Cover    75.52 Employee Facilities  V115 Final Cover    75.53, .120 Operational Records and Plan Execution    76.52 Cover Material  AA117 Bulky Waste    76.54 Prevention of Ground Water Pollution    76.55 Drainage of Surface   Water    76.51 Equipment    76.52 Continued Maintenance   After Operations Have   Ceased    76.55 260022.5	75.	46	Fire Protection		a tale to the second	S.	75.98	Burning		
Compacting  75.50 Vector Control  V112 Thickness of Cells  V113 Daily Cover  S.5.1 Accident Prevention and Safety  X114 Intermediate Cover  T.5.52 Employee Facilities  V115 Final Cover  V115 Final Cover  V116 Sewage Solids, Liquids and Plan Execution  T.5.82 Cover Material Characteristics  AA117 Bulky Waste  R75.84 Prevention of Ground Water Pollution  T75.85 Orainage of Surface Water  V112 Thickness of Cells  V113 Daily Cover  V114 Intermediate Cover  V115 Final Cover  V115 Final Cover  V116 Sewage Solids, Liquids A Hazardous Wastes  R. Hazardous Wastes  AA117 Bulky Waste  C119 Final Grading & Seeding  V112 Thickness of Cells  V112 Thickness of Cells  V113 Daily Cover  V114 Intermediate Cover  V115 Final Cover  V115 Final Cover  V116 Sewage Solids, Liquids Water  V117 Bulky Waste  C119 Final Grading & Seeding  V118 Placement in Ground Water  V119 Final Grading & Seeding  V110 Continued Maintenance  After Operations Have Ceased  V112 Thickness of Cells  V113 Daily Cover  V114 Intermediate Cover  V115 Final Cover  V115 Final Cover  V116 Sewage Solids, Liquids  W118 Placement in Ground  V119 Final Grading & Seeding  V110 Continued Maintenance  After Operations Have Ceased	75.	.47	Limited Access		and the second s	т.	75.99	Dust Control		
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75.51   Accident Prevention and Safety   X1114   Intermediate Cover   X1114   Intermediate Cover   X1114   Intermediate Cover   X1115   Final Cover   X1116   Sewage Solids, Liquids and Plan Execution   X1116   Sewage Solids, Liquids & Hazardous Wastes   X1117   Bulky Waste   X118   Placement in Ground Water   X118   Placement in Ground Water   X118   Placement in Ground Water   X119   Final Grading & Seeding   X110   Final Grading & Seeding   X1110   Final Grading	75.					v.	.112	•		
75.51 Accident Prevention and Safety  X114 Intermediate Cover	75.	.50	Vector Control	6		w.	.113	Daily Cover	MINI	
75.53, .120 Operational Records and Plan Execution  Z116 Sewage Solids, Liquids & Hazardous Wastes  AA117 Bulky Waste  Characteristics  BB118 Placement in Ground Water  Water Pollution  CC119 Final Grading & Seeding  DD121 Continued Maintenance After Operations Have Ceased  75.91 Equipment  C Ceased  2 .116 Sewage Solids, Liquids & Hazardous Wastes  AA117 Bulky Waste  C C119 Final Grading & Seeding  DD121 Continued Maintenance After Operations Have Ceased	75.	. <b>51</b>				x.	.114			•
and Plan Execution  & Hazardous Wastes  AA117 Bulky Waste	76.	.52	Employee Facilities	@		Υ.	.115	Final Cover	□ □ WA	
Characteristics  BB118 Placement in Ground Water  Water Pollution  CC119 Final Grading & Seeding DD121 Continued Maintenance Atter Operations Have Ceased  75.91 Equipment C D	75.	.53, .120			96.3.E <sub>1</sub>	Z.	.116			
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CC119 Final Grading & Seeding Water  Water  DD121 Continued Maintenance Atter Operations Have Ceased  Ceased  CC119 Final Grading & Seeding DD121 Continued Maintenance Ceased	1. 75.	.84				BB.	.118			•
Water  DD121 Continued Maintenance After Operations Have Ceased  Ceased  Do121 Continued Maintenance Ceased  Ceased  DD121 Continued Maintenance Ceased			Water Pollution	· · · · · · · · · · · · · · · · · · ·	#. # . # . # . # . # . # . # . # . # .	cc.	.119	Final Grading & Seeding		
75.91 Equipment C Atter Operations Have Ceased 200225	l. <b>7</b> 5.	.85								•••
Cerify all violations indicate required corrective measures and indicate shatement time for all MC items on page 2 of the temperion B	<b>7</b> 5.	.91					,	After Operations Have	200225	
point an alloations, maicate required corrective measures and maicate abatement time for an arc items on page 2 of the impaction in	pecify al	Il violations, i	ndicate required corrective	e measures and inc	dicate abatemen	t time fo	r all NC ite	ms on page 2 of the Inspectio	n A	<del></del>

O Cleer rook rough, bit pumble. .48 Unlooding being conducted to the Disposal Facility Rorak Sispusal sent with the entince road. ID= 100537 53 Chestions met be letableshed for the oreasuhere ontrepeted Date 11-13-75-felley is to be conducted with in whe new Lutine. The makes are for the oceaswhere onheight , to be clerky visible to the Equipment operation.

To be clerky visible to the Equipment operation to the high demantaly. pringition which his occurred in the recent part of reporable brings upter his her as selvered to callet, chart and trass who largest generate explain his her as selvered to callet, chart and trass who largest generate of wet in a septem / legons to the dustry the aprote Comment: Construction in antinuing on the discourse in figure and. He required how or he spirute is being any fruited. The goval appeneus of the set is instead much the sement of subtated amont of regulat aut. Additioned work is subtated in the northwestern portion of the sets where fined medels in the month western portion of the sets where fined elevation has been Exhibited. That are must be grothed stabilized ud seeled. a down wind cachal system also sunt be setablish the blowing letter contract of spectrains on the form to the set of present deposition. Consideration must be from to this portion of the operations before worther on set of weinter operating conditions set in. fevered plans buting the relocated montaining wells & species
fevered plans buting the same are effected plantly ordered
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C	943 N. Set	Engineerit <sup>e</sup> Co. venth Street PENNA. 18102		LETTE -	DF TRANSILIVTAL I.D. 10053
		• <del>-</del> .		34 11-17-17	5 /27
_	Phone 4	32-8524		AT COLT BANK	ARL GITSCHIER
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CENTI	EMEN:				
GENIL		ING YOU 🔀 Attached	I □ Under separate	cover via	the following items:
	□ Shop drawin	• .	☐ Plans		☐ Specifications
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COPIES	DATE :	NO.	OE:	CRIPTION	
	11-17-75	Oct Re	PORT OF L	ENDFILL TO 1	WR GITSCHER.
1	11-17-75	и	•	1	Novsk
1	11-17-75	••			SOUTH WHITEHALL
`		TOWNSHIP	MANAGER		
TUESE	ADE TOANSMITTE	D as checked below:			
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	☐ For approva	• • • • • •	proved as noted		copies for approval
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Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection Report.

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January 15, 1976

SUBJECT: Lehigh County

South Whitehall Township Novak Sanitary Landfill Inc.

TO:

George Parks, Chief Operations Section Bureau of Water Quality Management

FROM:

E. S. Washko Reading Office

We are sending you one copy of a topographic plan of landfill showing proposed location of two monitoring wells and two existing wells at the Novak Sanitary Landfill.

This is a requirement of the permit and pertinent regulations for a Department groundwater geologist approval in advance of drilling by Louis J. Novak.

ORIGINAL (Red)

1-19-76

## NOVAK SANITARY LANDFILL REPORT

ROADS:

L.R. 39042 and Township Road T-593 in good condition; surface dry and unbroken; no debris from landfill carried onto roadway. Shallow roadside ditches clean.

ACCESS ROADS:

Main road boing widehed some 200 feet south of its intersection with T-593; fill here has been rough graded and will be covered with crushed stone after subgrade is stabilized. Small wet area approximately 600 feet south of the aforementioned intersection will be graded and repaired with 2B (or larger) crushed stone. Swale parallel to west side of road to be regraded and stabilized. Road to East Side Demolition Area in good condition; branch road south to soil stockpile area rough but passable.

DEPOSITION AREAS:

West Center 90 % complete; to be stabilized in near future. Northwest, West, Southwest sections not disturbed. East Center Basin not disturbed; surface clean. East Side Demolition Area: concrete and brick rubble, wood and refuse, deposited at top and spread downhill to the east bottom, then compacted and covered with earth. Principal deposition area now lies between north top of trench, and new road to East Side Demolition Area; east bottom of fill approximately 100 feet west of access road to soil stockpiles. Top of fill approximately at same elevation as surface of new road to east side.

## NOVAK SANITARY LANDFILL REPORT

(Cont'd)
DEPOSITION AREAS:

TRENCH:

East and West ramps not disturbed. Soil from south wall in east half of trench removed and transported about 300 feet south and deposited in low banks to dry. North wall nearly vertical but apparently stable. South slope in west half of trench regraded to obtain more stable wall. Pumps in use to dewater trench.

FENCES:

Fences along south and southwest tops of east center basin in good condition. That in southeast corner in fair condition. Fence along east top of present deposition area in fair condition - will be removed when fill is stabilized.

WOODED AREAS:

Northwest, West, and Southwest sections clean. Small amount of light waste in trees and shrubs in southeast section.

VERMIN:

None observed on entire tract. No smouldering or burning refuse on site.

COMMENTS:

All operations appear to be conducted in a safe and satisfactory manner. Swales will be regraded to ensure adequate drainage of roadway and fill areas.

INSPECTED BY Joseph Solisho DATE: 1-19-76

ORIGINAL
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ATTEST: Chall Costole

C. A. COSTELLO ENGINEERING CO. ALLENTOWN, PA. 18102

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# SANITARY LANDFILL REPORT

ensure adequate Grainage.

ROADS:

L.R. 39042 and T-593: Surface wet-some water in roadside ditches at junctions with two access road. No debris or mud carried onto prove of from landfill.

ACCESS ROADS:

Main road South: Surface wet but firm: Repaired with coarse crushed stone. No further progress on widening this road. "Old" road to soil storage area regraded but roughpassable for heavy vehicles. "New" road to East Side Demolition area in good condition. Short road to West Center rough, but well drained. Swale parallel to West side of main road to be regrated to

DEPOSITION AREAS: West Center; Northwest, West, and Southwest sections not disturbed since last report. Mo deposition in East Center Basin; surface clean. East Side Demolition Area: Use infrequently during past month. Refuse deposited at top and spread downhill to East; embankment constructed along North side of slope near East boltom; Southeast part not distrubed. Main deposition area located between "Old" road, Southeast bottom of West Center Area, and North top of trench. It appears that this area will be filled to the elevation of the "Yew" road in 2 to 3 months.



Industrial Waste
South Whitehall Township
Lehigh County
Novak Sanitary Landfill, Inc.

Emil S. Washko Solid Waste Director Reading Regional Office

Richard L. Kraybill Geologist

Through: Chief, Operations Section

In response to your January 15, 1976, memo to George Parks relative to the above-captioned case, the following information should apply:

Wells \$1, \$3, and \$4\$ are 0.K. as to location for monitoring. Well \$2\$ is not in the location agreed upon in the field on October 21, 1975. It is suggested that Well \$2\$ be moved to the new position, marked and initialed on the attached plan which you sent me on January 15th. This is at or near the location that was agreed upon on October 21, 1975, in the field with Mr. Lewis Novak and his engineer. It should be noted in a letter to the permittee that Wells \$1, \$2, \$3, and \$4\$ are for the existing operation. Groundwater monitoring for trenches \$1, \$2, \$3, \$44, and \$5\$ shown on the diagram will require additional wells at the positions marked and initialed by me on the attached diagram when filling operations commence in these areas.

In your correspondence to Mr. Novak, some time limit should be given for the drilling of Wells #1 and #2 and for the submission of the groundwater module Phase II.

RLK:rt Attach.

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7	75.50	Vector Control		w.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		•
<b>J.</b>	75.52	Employee Facilities	<b>C</b> —	Υ.	.115	Final Cover		
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M.	- 75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		•
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# C. A. Costello Engineeri Co. 943 N. Seventh Street ALLENTOWN PENNA 18102

Phone 432-3524

STATE HEALTH CENTER
520 E AST BROAD STREET,
BETHLEHEM, PENNA 18018

2-17-76 127 MR CARL SITSHIER NOVAL SANITARY LANDFILL 2-19-76

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2-17-76

Change order

W MANTHLY REPORT

MR CARL GITSHIAR, SOLID PLASTE SPECIALIST, D.E.R.

DESCHIPTED.

MIR LOUIS & MORRAY

JOURN WATERION TWO. MORE

# THESE ARE TRANSMITTED as checked below

For approval App

... Approved as submitted

Resubrait\_

\_copies for approval

For your use

. Approved as noted

Submit

contex for distribution

As requested - ---

Returned for corrections

Section.

conted prints

For review and comment

IT FOR BIDS DUE ....

19

PRINTS RELIBINED AFTER LOAN TO US

REMARKS LANDFILL INSPECTED 2-13-76

PROTECTION

COPY TO MR LOUIS C. NOVAK SOUTH WHITEHALL TWP. Ma.

200242

Joseph Solinko

# SANITARY LANDFILL REPORT

ROADS:

L.R. 39042 and Township Road T-593: Surface dry; in good condition; no refuse from landfill carried onto it; shoulders and shallow roadside ditches in good condition.

ACCESS ROADS:

Main Road: Surface wet, but solid; road to East Side Demolition Area wet and somewhat muddy, but generally in good condition. Road to soil stockpile area regraded frequently to minimize accumulation of mid and water. Crushed stone, and concrete and plaster rubble stockpiled at strategic locations for use in road repairs. Swale along west side main road to be regraded. Fill on east side main road extended westward short distance- little progress here.

DEPOSITION AREAS:

Northwest, West, and Southwest sections not disturbed. East Center Basin not disturbed-surface in good condition.

West Center Section: Some light waste exposed on surface but anchored firmly in earth cover. Principal deposition area now between North top of tranch and roadfill south of East Center Basin, i.e. this is the Southeast extension of the West Center Section. South bottom of the fill approximately 50 feet north of north top of tranch. Refuse dumped, spread, compacted and covered with earth. This area will be extended eastward to the access road for the soil stockpile area; estimated time to complete: 1 to 2 months. East Side Demolition Area: Refuse dumped at top and spread downhill to the east to bottom, then compacted and covered with earth.



RECEIVED
PERSON OF COLUMNSTE
FEB 2 4 1976

MANAGEMERT

### NOVAK

# and - - Liberill Pyrori

TRANSE:

Dist and West rumps not discurbed. Outh mall in east half now only a maximum of 10 feet in heightearth moved 200 feet southward to at applies. Worth mall stable. Two (2) pumps on standard to develop tender.

RECEIVED

PARE DA SOLID WASTE

FEB 24 1876

MANAGEMENT

FERCES:

Fonce areass on Mast ton of thesens on action area. That along touch and southwest the of Mast Center Sasin in good condition. That we wanted West and Southwest tops in 1917 touch 1918 that in Southeast section in jour control tou. Additional fences will be erected when required.

WCODED AREAS:

Northwest, Vesu, Doubhisson, im describent.
Some pager and passons in closes and confident doubhest section.

VERMIN:

None observed on entire brace: No enouldering or burning refuse.

COMMENTS:

Operations conducted in a dafa and satisfactory manner. Drainings datisfactory; completed areas stable. Operator implements suggestions when time and weather conditions permit.

INSPECTUD

Luko DATE: 2-17-76

ATTEST: Chall U Costille

C. A. COSTELLO ENGINEERING CC. ALLENTONI. FA. 18102

200244

RECEIVED

FEB 24 1976

HANAGEMENT

ER-8LP-09 REV. 3/74	
Municipality & While All	
21-1	
County This	

**COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF LAND PROTECTION** 

#### LAND DISPOSAL INSPECTION REPORT

Identification No. 1005	34
P.E.Coate 102-2	3-7
FED 14 1076	-
MANAGEMENT	

Name Rack Soud Lill  Address R# 1. allerbara			Name Lines & Proprietor  Address R#!  Ollinbring					
(C-C	ompliance; NC-No	on-Compliance; NA-Non-Ap	pplicable)					
A.	75.43, .93	Access Road	C NC NA	Р.	75.92	Standby Equipment	C NC NA	
8.	75.44, .94	Weighing or Measuring Facilities		O.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection		S.	75.98	Burning		
٤.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		V.	.112	Thickness of Cells		
Н.	75.50	Vector Control		w.	.113	Daily Cover		
	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover		
	75.52	Employee Facilities		Y.	.115	Final Cover		
K	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		
М.	75.84	Prevention of Ground Water Pollution		89.	.118	Placement in Ground Water	Meginal MA	
N.	75.85	Drainage of Surface		CC.	.119	Final Grading & Seeding		
· o.	75.91	Equipment		DD.	.121	Continued Maintenance After Operations Have Ceased		

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection 200246

Disposal F	acility Asset Shapeaul Bes
	T D # 100534
Date	02 27 24

O Recourse Record by morel perty & mechanical believe.

Swell on site stange being conducted - Receptably Smited to backy production is larly justificant reach great land but afration.

De work is seeded in the bluelitier were to the East of the Lill site. Bern and proportion work is needed as in design plan for the site. Elevations and communitaries must be placed for future me as is dependent in plat solar for construction of the site.

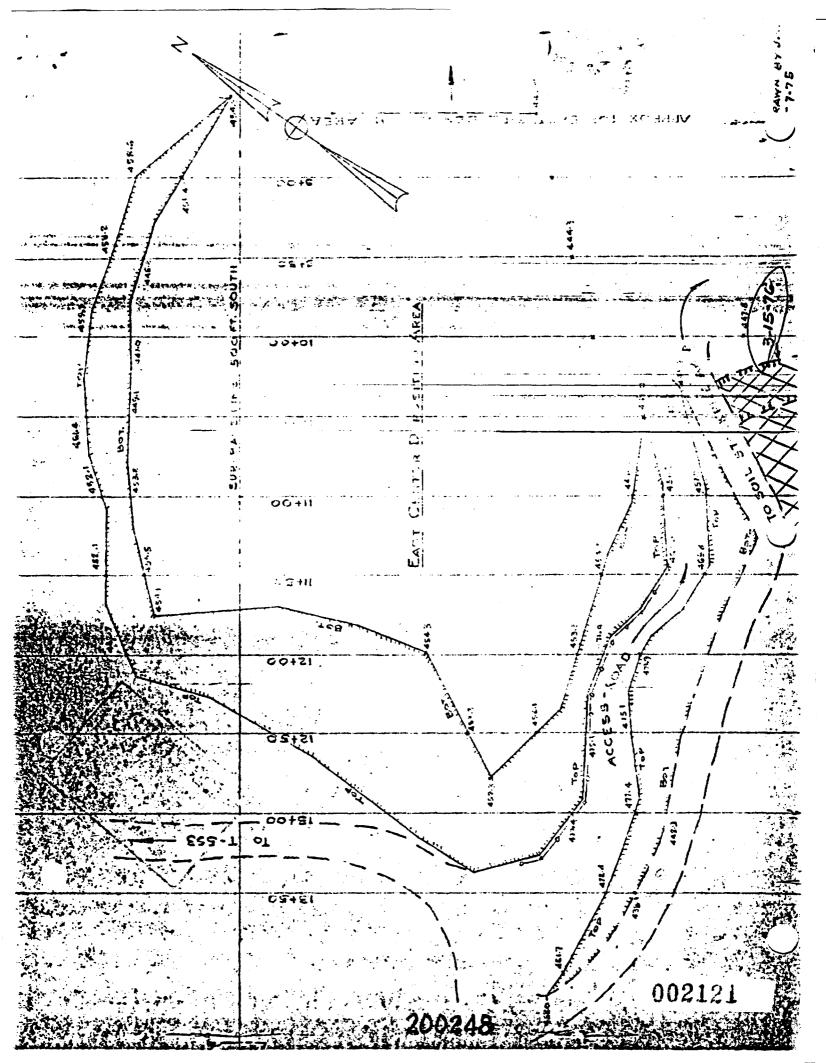
Oblitate work should be compeled on new read and its use started to insure Every agrees to all mess in the site.

Dall letter collected down wind of the fill one met be : Collected and incorporated into the left county buy

partment of Environmental Resources Representative

Laws / / December

200247



ER-BLP-09 REV. 3/7

Identification No. 100 534

MAR 1 3 1976

MANAGEMENT

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF LAND PROTECTION**

# LAND DISPOSAL INSPECTION REPORT

		* *		1.83				}
		Disposal Facility			· <del>-</del>	Proprietor		50.00
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. Addı	ess R#	1	e e e e e e e e e e e e e e e e e e e	Add	ت ــــــ ress	R#1		
	all	dam		e .	· · · · · ·	all to		
		7-0-0			<del></del>	GREMANNE	<del></del>	
(C-Co	mpliance; NC-No	on-Compliance; NA-Non-Ap	plicable)	+		<del></del>		
			C NC NA				C NC NA	
A.	75.43, .93	Access Road		P.	75.92	Standby Equipment		
8.	75.44, .94	Weighing or Measuring Facilities		a.	75.96	Size of Working Face		
C.	75.45	Communications		R.	75.97	Control of Blowing Litter		, t <b>-</b>
)	75.46	Fire Protection		s.	75.98	Burning		
E.	75.47	Limited Access		т.	75.99	Dust Control		
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage		<b>v</b> .	.112	Thickness of Cells		
Н.	75.50	Vector Control		w.	.113	Daily Cover		
). 	75.51	Accident Prevention and Safety		<b>X</b> . \	.114	Intermediate Cover		
J.	75.52	Employee Facilities		Υ.	.115	Final Cover		• •
K.	75.53, .120	Operational Records and Plan Execution		<b>z.</b> .	.116	Sewage Solids, Liquids & Hazardous Wastes		
L.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		٠.
M.	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		
N.	<b>75</b> .85	Drainage of Surface		cc.	.119	Final Grading & Seeding		•-•_
ر	75.91	Water		DD.	.121	Continued Maintenance After Operations Have Ceased		•
_	10.31	edarbinent	العالعا العالم			Ceasua		

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the 200249

75.49 Sabajel work is sloved story the introve road and legard the Extreme gate must be remove at the fine at is recepted from the deposited waste.

75.117. All hulky weste deposeled at the esterment to proceed as provide regulations, compacted on solvagel. If solvage is total veed; Howeste must be private from the londfill area on the day that it is solvaged in order not to intifer with the great lend till appealine.

commend: The quent land deposed construction project is proceeding selectionally. Elevation one whilehold cells are being constructed drainage slope, and diviscous touches me being constructed to divit and callet surface water. He president entermine great is grouph, but proposed to blook towers. A second great is who construction and should be in use should. There #5 of the demathin once is wider construction with the pleasant of the earth gretaining born along the priming it. I he area.

Typartment of Ekvironmental Mesources Representative

Lauis), North

ER-B	LP-09 REV. 3/74							
Mun	icipality	Wholeholl 7	<u>i,                                     </u>			•	- Identification	n No. 100538
Cour		gh		w				Date 05-19-7
	•	•	DEPARTMENT	NWEALTH T OF ENVIR EAU OF LAI	ONMEN	TAL RESO	URCES DIVIDION OF BOLLS W	D
			LAND DIS	SPOSAL IN	SPECTI	ON REPO	NAY 3 5 1976	
		<u> </u>		4 <u></u>			MANAGEMENT	·
Nam		Disposal Facility	<u>v</u> Que			Lew	Proprietor	k
	. 1011	L. Pr	+1				00 1 ~ ~	# /
Add	ess (A)	town h	<del>**</del>	<u></u> पुत्रा क	Addı	ess L	seconory re	
• • •		<del> </del>	<del></del>					
(C-Cd	ompliance; NC-No	n-Compliance; NA-Non-Ap	opticable)	i i i i i i i i i i i i i i i i i i i			· · · · · · · · · · · · · · · · · · ·	
Α.	<b>75.43, .93</b>	Access Road	C NC NA		Ρ.	75.92	Standby Equipment	C NC NA
₿.	75.44, .94	Weighing or		]	α.	75.96	Size of Working Face	
C.	75.45	Measuring Facilities Communications			R.	75.97	Control of Blowing	
~	75.46	Fire Protection			S.	75.98	Burning	
Ų.	75.47	Limited Access			т.	75.99	Dust Control	
F.	75.48, .95	Unloading			U.	.111	Spreading and Compacting	
G.	75.49	Salvage		]	v.	.112	Thickness of Cells	
	75.50	Vector Control		<b>J</b>	w.	.113	Daily Cover	
	75.51	Accident Prevention and Safety	لالل		<b>x</b> .	.114	Intermediate Cover	
<b>J.</b>	75.52	Employee Facilities			Υ.	.115	Final Cover	
K.	75.53, .120	Operational Records and Plan Execution			<b>z.</b>	.116	Sewage Solids, Liquids & Hazardous Wastes	RED MEDI
L.	75.82	Cover Material Characteristics			AA.	117	Bulky Waste	
М.	75.84	Prevention of Ground Water Pollution		Market Space	88.	.118	Placement in Ground Water	c
N.	75.85	Drainage of Surface	<b>@</b>		CC.	.119	Final Grading & Seeding	
$\bigcup$	75.91	Water Equipment			DD.	.121	Continued Maintenance After Operations Have Ceased	
Speci	fy all violations i	ndicate required corrective		ate shatemer	L time to	e all NC itae	ns on page 2 of the Inspectio	

75.43 Occas Rood work, rudel ong by localed franks snowth and believe flow of the fire Disposal Facility North Suggest Price -75.48 Un looding at Ala site is Date 05-19-76
not prosoged. The orlowing area just be Canoolodated to be Kept posseur, the will sety blancing paper Ele. sinke compoetion losy, and control constructed acarding to the prespected 75.53 We site purethe constructed acarding to the prespected 75.96 The world fee should not be greater the one on while.
The slope on the fogu should not be greater the one on while.
75.97 If Consalidation of the face is kept never blowing letter
Willie Controlled. 75.112. The wish of lash all must be high with a slage on the
pro queter the eight (8) feet thick with a slage on the
Exposed for of 1/3' 75.119 Hose these on the site which how been complited, in the porth, worthwestern, weather oness must be coursed with the month, month western, weather oness must be coursed with the prescribed amental flind cour, to special of seeds. This is prescribed as occarding to the plan autometholical approach the petin affect pite affective er long are due "Roomer Roomer". Pengricifent of Saffoantestal Resources Representative Operator 200**252** RECIONAL OFFICE

ER B	LP-09 REV. 3/74	11 11 1		<b>:.</b>	,	
Muni	cipality	Whihlell		<b>.</b>	dentification	No. 10534
Coun	ny Lilie	/ · · · · · · · · · · · · · · · · · · ·				Date 05-2/-7
		· •	COMMONWEALTH	SE BENNEVI WANI		
ı			COMMONWEALTH ( DEPARTMENT OF ENVIR		<b>:</b>	
	•		BUREAU OF LAN		70	-ίΣ
			LAND DISPOSAL IN	SPECTION REPO	OFT	S
					MANAGEMENT	r .
		Disposal Facility	<u>y</u>	. /	Proprietor	
<b>A</b> 1	hand	k Led Stee	end Breeze	Name_aa.	J has	ek
Name		1 Day Story	and Over-C	Name	10 1	7
Addr	ess Illu	them to		Address	Chroner 5	#1
		<b>,</b>			,	•
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(C-Co	mpliance; NC-No	n-Compliance; NA-Non-Ap	plicable)			:
	•		C NC NA			C NC NA
A.	75.43, .93	Access Road		P. 75.92	Standby Equipment	
Α.	7 3.40, .50	7100000		75.52	Stancey Equipment	
B.	75.44, .94	Weighing or		Q. 75.96	Size of Working Face	
		Measuring Facilities				
C.	75.45	Communications		R. 75.97	Control of Blowing Litter	
u.	75.45	Communications			Litter	
j	75.46	Fire Protection		S. 75.98	Burning	
E.	75.47	Limited Access		т. 75.99	Dust Control	
F.	75.48, .95	Unloading		U111	Spreading and	ואור אוניקן
٠.	. 5.40, .55	Omoderng	السالغوا المكا	0	Compacting	الله الله
G.	75.49	Salvage				
	engelistiken ses		. <b>(1784)</b> (1774) (1784)	V112	Thickness of Cells	
. H.	75.50	Vector Control		W113	Daily Cover	
	75.51	Accident Prevention		, , , , , , , , , , , , , , , , , , ,	Daily Cover	الحاليا ليا
	30.65	and Safety		X. ,114	Intermediate Cover	
		# 1 # 111 - 1	וכיז ריין		<b></b>	
J.	75.52	Employee Facilities		Y, .115	Final Cover	
K.	75.53, .120	Operational Records	וטר	Z116	Sewage Solids, Liquids	$\square$ $\square$ $\square$ A
		and Plan Execution			& Hazardous Wastes	المناجع المسا
	•					
L.	75.82	Cover Material		AA117	Bulky Waste	
	<b>#</b> 9	Characteristics		BB118	Placement in Ground	
M.	75.84	Prevention of Ground			Water	ليبا ليبا
		Water Pollution		·		
	20.05		رس رس	CC119	Final Grading & Seeding	L'VQ L
N.	75.85	Orainage of Surface Water		DD121	Continued Maintenance	matar "·
	,	410101		35121	After Operations Have	المالكا المالكا المالكا المالكا
$\smile$	75.91	Equipment		; 6	Ceased	• .
			<u>- 7</u>	,		
					eme on page 2 of the Incoertio	

200254

Muni	cipality	Wiftell		•		Identification	ño. 100534
Coun	ny LEW	ugh			•		Date 05-24-
<u> </u>			COMMONWEALTH OF DEPARTMENT OF ENVIR BUREAU OF LAN LAND DISPOSAL IN	ONMEN ND PROT	TAL RESOU ECTION	RCES DIVISION OF SOL	VED OF THE PROPERTY OF THE PRO
	$\sim$	Disposal Facilit	<u>y</u>		. 1	Proprietor	$\overline{}$
Name	horal	Suprol		Nam		is T. Mr.	vek
Addr	ess	staver, to	R#1_	. Add	ress All	lestaux, R#	4_/
اتحة	mpliance: NC Alc	on-Compliance; NA-Non-Ap	(mahla)				
10-00		on compnance, 142-14017AL	C NC NA				C NG NA
A.	75.43, .93	Access Road		Ρ.	75.92	Standby Equipment	
В.	75.44, .94	Weighing or Measuring Facilities		Ω.	75.96	Size of Working Face	
C.	75.45	Communications		R.	75.97	Control of Blowing Litter	
i i	75.46	Fire Protection		S.	75.98	Burning	
E.	75.47	Limited Access		т.	75.99	Dust Control	
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting	
G.	75.49	Salvage		v.	.112	Thickness of Cells	<b>C</b> ICIC
H.	75.50	Vector Control		w.	.113	Daily Cover .	
	75.51	Accident Prevention and Safety		X.	.114	Intermediate Cover	
. 1.	75.52	Employee Facilities		Υ.	.115	Final Cover	
<b>K.</b>	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes	
L	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste	
M.	75.84	Prevention of Ground Water Pollution		BB.	.118	Placement in Ground Water	C By
N.	75.85	Drainage of Surface		cc.	.119	Final Grading & Seeding	
{ , ,	- <del></del>	Water	لسالسا لحا	DD.	.121	Continued Maintenance After Operations Have	
	75.91	Equipment				Ceased	
Speci	fy all violations,	indicate required corrective	measures and indicate abatemen		or all NC item		#U2125

75. 43 Occass Pont is in pour Condition aproximately 400 from Continue. Or that point where collub. is a low spot that water collub. Disposal Facility Provide Supposed President TD# 100534 Date 0.5 - 24 - 76 grading is signified to provide Ironoge & penoval of sinfore water. Inneliat attention is Required in this one. 75.49 Work is needed to renow stood salvaged write in les heur compettes be ones where the lond disposal operation les heur compettes final grates must be Established & chance suched and 75,117 Equipment is such a she denotion area to process the large quantities of waste shat is deposited in the over shim to composition and convey. 75.119 Sudy & rovegetation operations required in the oness where the disposed site is completed.

Department/of Environmental Resources Pepresentative

Laure Month

ER-BI	LP-09 REV. 3/74	, , , A						
A. Muni	cipality	Whitehell		· ·		Identification	n No. <i>10053</i>	7
Coun	nty Lelies	<u> </u>			•		Date 05-27	7-ZE
Ų			COMMONWEALT DEPARTMENT OF ENV BUREAU OF I LAND DISPOSAL	/IRONMEN	ITAL RESOU TECTION	RECEIVISION OF ECL.	VED WASTE	•
		Disposal Facilit	Y			Proprietor		
Name	hout	Suggest	ite	Nan	ne Luce	is J. ho	rak	<u> </u>
Addr	ess Alle	town, R#		Add	Iress (III)	nhun, R#1		· ·
	. —							
(C-Co	mpliance; NC-No	on-Compliance; NA-Non-Ap	opticable)				· · · · · · · · · · · · · · · · · · ·	
			C NC NA				C NC NA	
Α.	75.43, .93	Access Road		Р.	75.92	Standby Equipment		
В.	75.44, .94	Weighing or Measuring Facilities		<b>Q</b> .	75.96	Size of Working Face		
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G.	75.49	Salvage		v.	.112	Thickness of Cells		
H.	<b>7</b> 5.50	Vector Control		w.	.113	Daily Cover		
1. 1. 5.	<b>7</b> 5.51	Accident Prevention and Safety		x.	.114	Intermediate Cover		:
<b>J.</b>	75.52	Employee Facilities		γ.	.115	Final Cover		
К.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		•
L.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		,
М.	75.84	Prevention of Ground		88.	.118	Placement in Ground Water		•
	75.05	Water Pollution	الما لبا لبا	cc.	.119	Final Grading & Seeding		r r
N.	75.85	Drainage of Surface Water		DD.	.121	Continued Maintenance		••••
$\cup$	75.91	Equipment				After Operations Have Ceased		
	fee all adalastas :						77 T 44	

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspec

Date 05-71-76

75.43 additoral work required on man Entrance Road

400. Ann Entrance book gate. Saw yets must be

brought up to grade of ones who water my awarehole

75.98. He combustion in accomme in the distriction ones

must be optimised by compassional the have of the

slage. Additional work required in the have of the

aloge Original work required in the one of encourse

good congachine and convage.

75.17 All bully well must be spread compacted and comme

os is prepriend.

Operatorient by Encubrishental Perpurbas Hephasantativa

Janis / Mary Tope

81	LP-09 REV. 3/74			•		_		
lini	cipality	While hal		•	•	Identificatio	n No. <i>LOO</i>	534
coun	iv_Lih	igh	*				Date 06-	7-50
1	•	-	COMMONWEALTH	OE DENIN	ICVI VANIA	Dros		•
پ			DEPARTMENT OF ENVIR BUREAU OF LAN	OMMENT	TAL RESOU	# # # E. 16 E4.	VED	4.7
			LAND DISPOSAL IN	SPECTI	ON REPOI	RT JUij₃	1976	1
			1. (1.1.) 1.5 <b>(1.</b> )			MANAGEN	MENT	
		Disposal Facilit	Y The second of		1	Proprietor		
Name	hank	Signal &	te	Name	Low	is I have	K	
Addr	ess alle	Nous Ri	¥/	Addr	ess al	lectown K	7#1	
as enginee yee	Art Montel & Association		<b>).</b>				· ·	
						· · · · · · · · · · · · · · · · · · ·		
IC-Co	mpliance; NC-No	on-Compliance; NA-Non-Ar	oplicable)					
			C NC NA		,		C NC	NA
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C.	75.45	Communications		R.	75.97	Control of Blowing		
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ر ر	75.46	Fire Protection		S.	75.98	Burning	· VC	
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F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		]
G	75.49	Salvage						·.
	75.50	Vector Control		y.	.112	Thickness of Cells		
	75.51	Accident Prevention		W.	.113	Daily Cover		_]
		and Safety	A south	<b>X</b> .	.114	Intermediate Cover		
1,4	75.52	Employee Facilities		Υ.	.115	Final Cover		
<b>K.</b>	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		NA
L.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		
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N.	<b>7</b> 5.85	Drainage of Surface		CC.	.119	Final Grading & Seeding	Men DO	
	70.60	Water		DD.	.121	Continued Maintenance		
	75.91	Equipment			,	After Operations Have Ceased		•
Specif	v all violations	indicate required corrective	measures and indicate abatemer	l time to	r all BIC iron	s on page 7 of the Inmed	<u> </u>	

75.43 The main entrane road is in poor condition due to the met conditions. Construction repairs Disposal Facility herak desperal area to the road is needed. The road I)# 100534 must be repaired in a way that all rais and surface mater will be presented from standing in the tradway. The road need be graded to enable the water to drain off frickly. 75.49 Salvaged material that is located in all completed ones must be callected and removed. 75.85 Surfame water drawinge contral as needed on the entrance 75.98 The fine that spiets in the demolition disposed only is that not under Control. Immediate attention must be given to that not the problem corrected.

75.111 all demolition in the ones of the fire must be personal, appeal and comparted.

75.112 In order to correct and prevant fine problems in the Osmert and problem fine problems in the demolition only, the words must be spread, comparted and demolition only, the words must be spread, comparted and convied on a regulor basis.

15.117 The hulky weste disposed area requires regulor attention of the balky waste disposed area occupied. It is suggested due to the longe amount of most occupied. It is suggested that one on a regulor basis that Equipment be assigned to that one on a regulor basis. Ografication Salvinos Approximation Resoluces Representative facilis / Morale

ER-BLP-09 REV. 3/74	
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Municipality (1) full (1)	
County & Ellegh	

Identification No. 200534

Date 86-04-7

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF LAND PROTECTION

#### LAND DISPOSAL INSPECTION REPORT

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(C-Co	ompliance; NC-No	on-Compliance; NA-Non-Ap	plicable)		<del>, ' </del>		
A.	75.43, .93	Access Road	C NC NA	₽.	75.92	Standby Equipment	C NC NA
B.	75.44, .94	Weighing or		0.	75.96	Size of Working Face	
C.	75.45	Measuring Facilities  Communications		R.	<b>7</b> 5.97	Control of Blowing Litter	
~	75.46	Fire Protection		S.	75.98	Burning	
ب_	75.47	Limited Access		т.	75.99	Dust Control	
F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting	
G.	<b>75.4</b> 9	Salvage		<b>V.</b>	.112	Thickness of Cells	
. <b>н</b> .	75.50	Vector Control		w.	.113	Daily Cover	
.i.	75.51	Accident Prevention and Safety		<b>x</b> .	.114	Intermediate Cover	
Ĩ.,	75.52	Employee Facilities		Υ.	.115	Final Cover	
к.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes	
L.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste	
M.	75.84	Prevention of Ground Water Pollution		<b>BB.</b>	.118	Placement in Ground Water	Red)
<b>A</b> 7	75.85	Drainage of Surface		CC.	.119	Final Grading & Seeding	
<b>N.</b>		Water	• . ]	DD.	.121	Continued Maintenance After Operations Have	
	75.91	Equipment				Ceased	

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection

75.43 Rues rod in in point. Condition due to the method of Construction weed. Improvement Could be made if the grote of Disposal Facility News Ausper Los 534 the road would be improved to persone kle water while gatous.
At the law poents on the Food. Date 06 -84-76 75.49 Ml solvey & metal must be removed from the are of the set Sot has been conjected. 75.85 Surface water brienge is nelled on the main Entrance road. 75.111 All industral, and demalition westerreceived by the site must be provided as received due to de large valure supplied. All denstition write pust be spread, compacted and Council on the day received in only to premit the possibility of a disposal site fine. 75.112 It is recommended that the intermediate come which was applied in the over when the dismolition fine was in progress be Estended to come the and naw in we for disperse If denstition pure the elevation of the fell les reached.
The prescribes levels. 75.117 All bulker weste must be ableted and incorporable in 4.

The left of the disposed sit new under construction on Jumpled. 75.119 bl ares-which have her completed must be graded and resignated as prequired by the jugaletians and the disposit are plant to the property of the proper 200262 REGIONAL OFFICE

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	1	· · · · · ·	COMMONWEALTH			RECEIV	77	<b></b> -
			DEPARTMENT OF ENVIR BUREAU OF LAN			DIVISION OF SOLID	Line /	•
			LAND DISPOSAL IN	SPECTI	ION REPOR			
					2	MANAGEMENT		
		Disposal Facilit	<u>y</u>		. /:	Proprietor		
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F.	75.48, .95	Unloading		U.	.111	Spreading and Compacting		
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		and Safety		Χ.	.114	Intermediate Cover	- RO	
J	75.52	Employee Facilities		٧.	.115	Final Cover		
K.	75.53, .120 -	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L.	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste	CEORIO	•
M.	75.84	Prevention of Ground Water Pollution		BB.	.118	Placement in Ground Water		
N.	. 75.85	Drainage of Surface Water		CC.	.119 .121	Final Grading & Seeding  Continued Maintenance		·••
V	75.91	Equipment			į	After Operations Have Ceased		

Spacify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspec

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	Disposal Facility James Annual
	Disposal Facility Awar Suprad - ID# 100534
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ز			DEPARTMENT OF	ENVIR	NMEN.	TAL RESO	URCES III	PUD WASTE "	ۍ ست خ
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A.	75.43, .93	Access Road	□ Ve		P.	75.92	Standby Equipment		• • •
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C.	75.45	Communications			R.	75.97	Control of Blowing Litter		
i	75.46	Fire Protection			S.	75.98	Burning		
E.	75.47	Limited Access			т.	<b>7</b> 5.99	Dust Control		
F.	75.48, .95	Unloading			U.	.111	Spreading and Compacting		
G.	75.49	Salvage			V.	.112	Thickness of Cells		
н.	<b>7</b> 5.50	Vector Control							
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K.	75.53, .120 	Operational Records and Plan Execution			Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		N.
L.	75.82	Cover Material Characteristics			AA.	.117	Bulky Waste		
M.	75.84	Prevention of Ground Water Pollution			88.	.118	Placement in Ground Water		
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N.	75.85	Drainage of Surface Water			DD.	.121	Continued Maintenance		•••
	75.91	Equipment					After Operations Have Ceased		
Spec	ify all violations,	indicate required corrective	e measures and indicate i	abatement	time fo	r all NC ite	ems on page 2 of the Inspectio	n : 1/3 / 1	

Pisposal Facility

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Department of Environmental Resources Representative

Operator

	icipality	Whitealt	COMMONWEA	LTH OF PENN	<b>ISYLVAN</b>	Proper	No. <u>/00.5</u> 3	
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E.	75.47	Limited Access		т.	75.99	Dust Control		
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M.	75.84	Prevention of Ground Water Pollution		88.	.118	Placement in Ground Water		
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- Rubard J. Novak

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		Disposal Facility	<b>v</b>				Proprietor	<b></b>	
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J.	75.52	Employee Facilities			٧.	1115	Final Cover		
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M.	75.84	Prevention of Ground	<b>©</b> □	•			Water		
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COMMONWEALTH OF PENNSYLVANIA

September 3, 1976

Hazardous Waste Survey Novak Disposal Site

South Whitehall Township SUBJECT:

Lehigh County I.D. #100534

TO:

E. S. Washko

Regional Solid Waste Director

Reading Office

FROM:

C. F. Gitschier Solid Waste Special St. Lehigh-Northampton & Carbon Counties

On August 27, 1976, an on-site industrial hazardous waste survey was conducted at the Novak Disposal Site in South Whitehall Township, Lehigh County, for the purpose of determining if the operator accepts or has accepted any type of hazardous waste in the recent past.

Mr. Novak stated that he had not received any of the materials on the hazardous waste list with the exception of road oil. He indicated that over the past years he had used approximately 100 gallons of drain oil per year for dust control on his main entrance road. The source of this material was from his son-in-law's service station and was obtained from draining the motor crankcases of vehicles. The basic constituent of waste received at the Novak Disposal Site was paper and wood wastes and approximately 80% of the total volume of material received. The balance of the waste consisted of grass, grass clippings, wood clippings and domestic garbage.

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MANAGEMENT

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Municipality Land Likelehall	_
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF LAND PROTECTION

DIVISION OF SUPERINT

LAND DISPOSAL INSPECTION REPORT

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(C·Cc	ompliance; NC-No	on-Compliance; NA-Non-Ap	plicable)					
			C NC NA				C NC NA	
A.	75.43, .93	Access Road	□ IAC	P.	75.92	Standby Equipment		
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		Water		DD.	.121	Continued Maintenance After Operations Have		<i>;</i>
0.	75.91	Equipment				Ceased		

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of 20274

Op.

200275

REGIONAL OFFICE

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L.	75.82	Cover Material Characteristics		AA117	Bulky Waste		2
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REGIONAL OFFICE

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ONWEALTH OF PENNSYLVANIA

Reading Office Office Review November 17, 1976

Industrial Waste North Whitehall Township Lehigh County

SUBJECT:

Novak Landfill

TO:

C. F. Gitschier Bethlehem Office

FROM:

Richard L. Kraybill Geologist

As you requested, I reviewed the specifications for the proposed monitoring wells at the Novak Landfill and found:

- 1. The specifications are in order for the two (2) proposed monitoring wells to be drilled.
- Two (2) existing wells that are already drilled are acceptable and ground water monitoring of those wells can start immediately.
- 3. There are four (4) monitoring wells total. These are acceptable as per my February 2, 1976, memo and should be drilled at the locations previously agreed upon.

RLK:mg

January 7, 1977

cc: Water Quality - Geology

: Gary Merritt

ORIGINAL RECEIVED BIVALUA DE SOLID WASTE 1377 Jak i MANAGEMENT

December 1, 1976

Sanitary Landfill Construction Specifications

SUBJECT: for Monitoring Wells
Novak Sanitary Landfill

I.D. #100534

To: Richard L. Kraybill

Geologist

Bureau of Water Quality Management

FROM:

Carl F. Gitschier

Solid Waste Special To Carbon Counties

DEO 8 1976 MATER QUALITY MGME

Contained herewith is a copy of the specifications for the construction of proposed monitoring wells to be located on the land of Louis J. Novak, owner and operator of Novak Sanitary Landfill, South Whitehall Township, Lehigh County.

The enclosed information is provided for review and evaluation regarding specifications for construction of monitoring ground water facilities as required by the Solid Waste Management Act. Please review these documents and respond to this office no later than December 15, 1976.

Encls:

Specifications for Construction of
Monitoring Wells - 4 pages
Appendix Cross Sectional Diagram
of Monitoring Well - Print, 1 page
Southeast Section of Cementon 7.5 min.
quadrangle depicting proposed
private and public water supplies,
1 page

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-a-bur-09 REV. 3/74

REGIONAL OFFICE

February 14, 1977

SUBJECT:

Groundwater Monitoring Points

Novak Disposal Site

South Whitehall Township, Lehigh County

I. D. #100534

TO:

E. S. Washko

Regional Solid Waste Program Manager

Reading Office

FROM:

C. F. Gitschier (2000) 02-28-70

Solid Waste Specialist Lehigh, Northampton & Carbon Counties

On this date, Monday, February 14, 1977, this office received a copy of the initial biological analysis from two monitoring points on the Novak Disposal Site. Copies of the contract for two additional monitoring wells drilled according to the plans which have been submitted and approved by the groundwater geologist are forthcoming. Chemical analysis on the existing sites are currently being evaluated and copies will be forthcoming in the near future.

Novak is currently having a comprehensive update on the disposal site area being developed by his consulting engineer and, as a result of telephone conversation with the consultant, this office will receive copies of the same upon completion.

cc: Bethlehem file Reading file

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RECEIVED

DIVISION OF SOLID WASTE

MAR 1 1977

MANAG

## O. A. Lostello Engineering Co.

343 N. SEVENTH STREET ALLENTOWN, PENNA, 18102 - (215) 452-8524

March 2, 1977

Department of Environmental Resources RE: Novak Sanitary Landfill 520 East Broad Bethlehem, Penna. 18108

ATT'N: Mr. Carl F. Gitschier

Dear Sir:

The landfill was inspected on Tuesday, March 1, 1977.

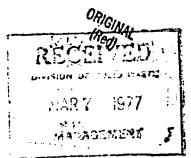
Township Road T-593 and L.R. 39042 were both in good condition - no mud or debris from the landfill had been carried onto them. The shallow roadside ditches appeared to be functioning well.

The main access road was rough but passable; a low section approximately 600 feet south of T-593 and about 150 feet long was covered with 3 to 4 inches of mud. This section will be cleaned and covered with a layer of crushed stone. The roadside ditches will also be cleaned and regraded to improve drainage here.

Reconstruction along the east side has progressed slowly. The elevation of the fill was about 6 to a feet higher than one surface of the main road at the low section mentioned above. This fill was not widened nor stabilized to permit heavy traffic, hence it will be several months before it will be serviceable.

A new road is under construction to a future fill area in the southwest section of the site. This road will extend from the curve in the main road to the east in a southwestwardly direction to the west top of the trench ramp.

The road to the East Side Demolition Area was in good condition, and appeared to be well drained.



The East Side Demolition Area had been used frequently during the past month. The eastward sloping surface had been covered with a thin layer of clay and compacted.

The East Center Basin was still the main deposition area on the site. The basin had been enlarged on the northwest, north, and northeast sides by the removal of soil to a depth of nearly 10 feet. The refuse was about 6 feet above the level of the east access road and nearly at the elevation of the reconstructed portion of the main road. Filling will thus progress in a northerly direction.

The area west or the main access road was not disturbed, but some regrading will be necessary before final stabilization.

Grade stakes had been set and marked over the entire east center basin to enable the operator to control the fill.

The fence along the south side of the basin will be replaced and extended to control blowing litter. Trees and brush in the southeast section will be cleaned of litter.

No vermin were observed on the landfill.

No smouldering or burning refuse was observed on the site.

Very truly yours,

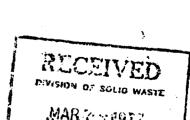
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cc: Novak Sanitary Landfill

South Whitehall Township Manager



MANAGEMENT

NWEALTH OF PENNSYLVANIA

March 10, 1977

SUBJECT:

Novak Solid Waste Disposal Site

Permit #100534

TO:

E. S. Washko Regional Solid Waste/ Program Manager

Reading Office

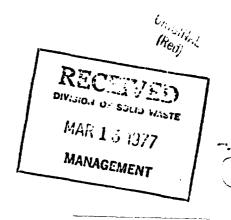
FROM:

C. F. Gitschier

Lehigh, Northampton & Carbon Counties

The construction of the proposed monitoring wells as depicted on previously submitted plans have been completed. Said monitoring wells are 200 feet deep with the appropriately installed casing provided. Pump tests will be conducted in the near future and necessary water analysis submitted to the department as required.

cc: Bethlehem file Reading office



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H.	75.50	Vector Control		]	V.	.112	Thickness of Cells		
,	75.51	Accident Prevention			W.	.113	Daily Cover		
		and Safety			X.	.114	Intermediate Cover		
J.	75.52	Employee Facilities			<b>Y.</b>	.115	Final Cover		
K.	75.53, .120	Operational Records and Plan Execution			Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L.	75.82	Cover Material Characteristics			AA.	.117	Bulky Waste		
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an violations, indicate required corrective measures and militate puatement time for an IVC Items on page 2 of the inspection

## CALORIC CORPORATION

A DIVISION OF RAYTHEON COMPANY

TOPTON, PENNSYLVANIA 19562

AREA CODE 215 682-2131

May 2, 1977

RECEIVED

DIVISION OF SOUD WASTE

MAY 5 1977

MANAGEMENT

Mr. Emil Washko
Director of Solid Waste Management
Department of Environmental Resources
16 Angelica Street
Reading, Pennsylvania 19611

Dear Mr. Washko:

In accordance with directions from the Division of Solid Waste Management, the Caloric Corporation, Topton, Pennsylvania, has submitted a preliminary sample of its waste sludge for analysis to M. J. Reider Associates, Inc., 107 Angelica Street, Reading, Pennsylvania, a Department of Health approved laboratory (No. II-39). The results of the analyses follow.

The waste treatment process which generates the sludge being evaluated, consists purely of physical - chemical treatment of metal finishing wastes. Details of the process have been filed with the Department of Environmental Resources, and have been awarded Permit No. 0676203 on September 9, 1976. Briefly, however, the process treats approximately 0.28MGD of metal finishing rinsewaters with high calcium lime to pH 7-9, then a polyelectrolyte is added prior to flocculation, and the neutralized waste is passed through a clarifier where the solids are settled out. The sludge from the bottom of the clarifier is drawn off periodically into sludge holding tanks, and finally it is de-watered by passage through a pressure filter. Sludge generation is presently estimated at approximately four (4) cubic yards This sludge would be collected as necessary by and deliverd to Novak's Sanitary Land Fill, Inc., R.D.#1, Allentown, Pennsylvania, which is a landfill licensed by the State of Pennsylvania. The composition of this sludge will be:

Alkalinity,	as CaCO3 (1% slurry)	70 mg/l
Arsenic		0.00003%
Cadmium		0.00009%
Chloride		0.016%
Chromium		0.30%
Copper		0.005%
Iron, total		7.08%
Cyanide	gradient gework der State (1984) in der Gradien der Gradien der Gradien der Gradien der Gradien der Gradien der	0.0003%
Fluoride		0.013%
Lead	$\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \frac{1}{2} \frac{1}{2} \right) = \frac{1}{2} \left( \frac{1}{2}	0.0016%
Manganese	្រុងសម៌សម្ <mark>និធិប្រ</mark> ទេសជំន	0.035%
Mercury		0.000003%
Nickel		0.61%

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Zinc	0.005%
Nitrate as N	0.0002%
Nitrogen, total	0.0069%
рН	9.3
Phenol	0.000%
Specific Conductance	1200.
Sulfate	4.30%
Selenium	0.0019%
Phosphorus, as P	0.0013%
Solids	26.75%
Moisture	73.25%

The sludge will not contain acrolein, chloropicrin, dimethyl sulfate, dinitrobenzene, dinitrophenol, nitroaniline, or pentachlorophenol. Furthermore, the presence of any chromium is only temporary. A closed loop evaporative recovery system has been installed and operational since April 18, 1977, which was designed to keep all chromium compounds out of the wastewater. Within a few weeks it is expected that any fugitive chromium salts will be flushed from the wastewater system.

A leachate test was also performed by Reider Associates on the preliminary sludge sample which was submitted with the following results:

Based upon these preliminary results, Caloric requests that it be re-authorized to discharge its sludge at the Novak Sanitary Land Fill, and furthermore that Novak Sanitary Land Fill be granted permission to receive this sludge.

ery/truly yours

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Harry H. Elias

cc: James K. Rogers (2)
Novak Sanitary Land Fill, Inc.



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AEGIONAL OFFICE

SUBJECT:

Application 39-304-008

Kline Foundries

Lower Hacungie Township

Lehigh County

TO:

John B. Moyer Regional Director

FROM:

E. S. Washko
Division of Solid Waste Management Reading Regional Office

Release application for plan approval to construct sand muller and associated rotoclone for emission control of operations at the gray iron foundry.

Discarded foundry sand will be collected and disposed of at existing permitted Novak Landfill.

bc: Rdg. file E. Washko

Muni	icipality	it With					Identificatio	n No. <u>2005</u>	۷
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ER-BLP-09 REV. 3/74

ORIGINAL (Red)

Anus Operator

200314

REGIONAL OFFICE

October 7, 1977

Novak Disposal Site SUBJECT:

South Whitehall Township

Lehigh County Permit #100534

TO:

E. S. Washko

Division of Solid Waste Management

Reading Regional Office

FROM:

C. F. Gitschier

Solid Waste Speci Lehigh, Northampton Carbon Counties

On Thursday, October 6, 1977, this solid waste specialist had an on-site meeting with Louis J. Novak, principal of the Novak----Disposal Site, South Whitehall Township, Lehigh County. Pertinent facts discussed at the time of the meeting were:

- 1. Quarterly and annual water analysis and a detailed explanation concerning a method in which the analysis samples were to be collected, assayed and reported to the Department as required by the regulations, standards, and the requirements of the Solid Waste Management Act and Permit pertinent thereto.
- 2. The concern in the immediate area as expressed by the officials of South Whitehall Township was made known to Mr. Novak. Precisely, that the township is concerned with the possibility of trichloroethylene being conveyed into the township via waste product generated as a result of a manufacturing operation by General Aniline and Film, otherwise known as GAF Corporation, of Whitehall. Mr. Novak was advised that he should request and obtain a letter from the GAF Corporation stating that no trichlorethylene is present in any waste materials which he collects, transports and subsequently disposes of in his landfill in South Whitehall Township. Upon obtaining that information, a copy should be forwarded to this office who will then convey the necessary information in writing to the township officials as requested.
- 3. That the consultant to the landfill operator, Charles A. Costello Company, should periodically report progress on construction operations being conducted at the disposal site as they relate to the plans and specifications submitted, approved and given a permit for. Mr. Novak did agree that parent inspection reports did not point up deficiencies and additions as needed in construction of the disposal site as is related to the approved plans and specifications.

DIVISION DE SOLID WASTE

DCT 1

MANAGEMENT

200315

# GAF Corporation .

Building Materials Group 1139 Lehigh Ave ... Whitehall, Pennsylvania 18052 Telephona (215) 264-0591



October 18, 1977

Mr. Louis Novak
Vailey-Discosal
P. O. Pox R. D. #1
Allentown, Pa. 18102

Dear Mr. Novak:

Mr. B. J. O'Leary asked me to contirm to you that this plant does not dump any trichloro ethylene (TCE) into your land fill. We do not use TCE in this plant, consequently, we do not dump any either.

I hope that this will help you. If you have any further questions, please contact me.

Yery truly yours,

GAF CORPORATION BUILDING MATERIALS GROUP

Ulrich W. Kempf

Plant Technical Manager

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cc: Messrs: Gu

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O'Leary "

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Sincerely Your

WE BURY YOUR TRASH

310 M CHROLIG NORMA **内国の国际公司** 

NOV 1. 1977 MANAGEMENT



BUREAU OF LAND PROTECTION
Division of Solid Waste Management
520 East Broad Street
Bethlehem, Pennsylvania 18018

--- November 16, 1977

Re: Hazardous Waste Disposal South Whitehall Township Movak Disposal Site Permit No. 100534

Mr. Merritt E. Hein Township Manager South Whitehall Township R. D. 1 Allentown, Pennsylvania 13104

Dear Mr. Hein:

With regard to our telephone conversation of November 9, 1977, wherein we indicated the concern of the Department regarding the alleged disposal of trichlorethylene (TCE) at the Novak Disposal Site, R. D. 1, Allentown, South Whitehall Township, the following information may be of assistance to you.

Allegations that the Novak Company was receiving trichlorethylene (TCE) from General Aniline and Film (GAF) Corporation of Whitehall was found to be untrue. From information presented to the Department, GAF does not use TCE in any portion of their manufacturing operation and consequently does not dispose of any TCE in the materials removed from the company by the Novak Disposal Site operation. Therefore, no TCE materials are deposited at the Novak Disposal Site in South Whitehall Township as a result of wastes transported from GAF Corporation.

I trust this information will be of assistance to you in answering complaints and questions regarding TCE disposal at the Novak Disposal Site.

bc: Bethlehem file

Reading office

C. F. Gitschier

Solid Waste Specialist

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Yours I wek

Department of Environmental Resources Representative

200320

REGIONAL OFFICE

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County\_LEHIGH

RECEIVED Date 01 - 30 - 78

DEPARTMENT OF ENVIRONMENTAL RESOURCES 1 .0/8
BUREAU OF LAND PROTECTION MANAGEMENT

LAND DISPOSAL INSPECTION REPORT

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ER-BLP-09 REV. 3/74

REGIONAL OFFICE

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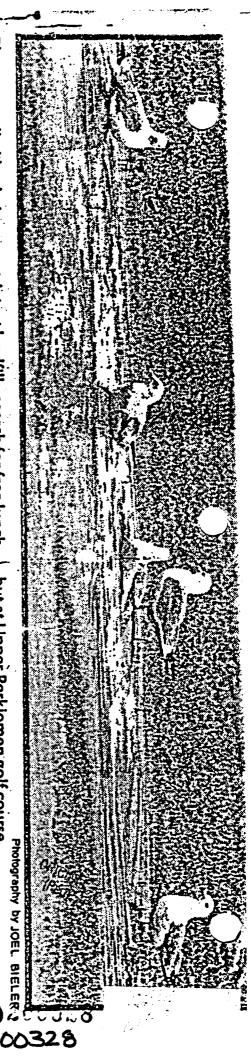
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ER-BLP-09 REV. 3/74

REGIONAL OFFICE 200326

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These seagulls, like their compatriots at landfills, search for free lunch. \. but at Upper Perkiomen golf course

# ALLENTOWN MORNING CALL, Saturday, April 8, 1978 complaints get ittle action

By GARY SANBORN Suburban Government Editor

we generate and discard. It's wrapped in a plastic bag Few of us take time to dwell on the trash and garbage

carried out to the curb and forgotten. Valley's sanitary landfills — are reminded of it constant Some of us, however — the neighbors of the Lehigh

their homes and in the fields they plow. They find it in their yards, along the roads leading to

they endure the noise of heavy machinery used to beat it They smell it when the wind blows their way, and

hauling it, and, in a few cases, they find chemicals that They drive through the mud left on roads from trucks

have seeped through it and into their water.

To many of them, it's more than an eyesore. It's a hazard. And all of them tell the same story of repeated

They might clean it up once a year." he says, "but calls to state and local officials that accomplish little.

An Upper Nazareth Township resident plagued by fifter from the Herceg Landfill says it's getting worse

constantly stopping to clean up the wind-blown plastic bugs that clog his mower.

seems nobody wants to hear about it." "It's all the time getting worse," he says, "and it

operators to police their areas for litter no less than State regulations + monitored by the Department of Environmental Resources (DER) - require landful

> operators to clean up litter daily. Some local regulations, such as South V/hitehall Township's landfill ordinance, are stricter, requiring

contend that neither the state nor local regula ions are People who live around the landfills, however,

tors of Novak's Landfill clean up shortly after Weekender published photos last week of litter surrounding another area landfill In South Whitehall Township, officials had the opera

Novak's is one of two Lehigh Valley landfills that has obtained an operating permit from DER. Some area esidents refer to this as "a joke."

with state and local regulations that require a daily cover at least six inches of material (clean and suitable soil) Residents question the dump operator's coripliane

a stick. Manager Merritt Hein, "but we're not measuring it with a dirt cover on daily," says South Whitehall Townshi "We do keep an eye on him to make sure he is putting

Hein says the township has made a serious effort to monitor the operation of the landfill, but can afford neither the time nor the staff to maintain constant vigitance.

publicize the problems associated with landfills. ng that "no amount of agitating is going to get the He also took exception to Weekender's efforts observ

have fire protection equal to the demands of township's ordinance, as some have alleged, but said dump does have some protection. Hein acknowledges that Novak's Landfill does no

get roadways near two landfills cleaned up, one along Old Route 22 west of Fogelsville.

Schucker's Landfill, operated by Edward Reeser has often blown as far as a half mile from the site Residents there say that plastic hags and other litter

"You wouldn't believe the mud that's out there sometimes (on Old Route 22)," one resident says.

seagulls by the hundreds. that has township supervisors searching for a solution — The landfills there have attracted another problem

number of inspectors. enforce state regulations is hampered Regional DER officials contend that their ability to by a limited

concentrate their efforts on closing marginal operations. inspectors in a live-county area) have been forced to the agency's Reading office, says he and his staff (two Emil Washko, director of solid waste management ..

waste, coal refuse and sewage sludge disposal monitoring other operations as well, including industrial just seven years. He adds that his staff is charged with Washko takes credit for closing 115 landfills in the

"and we have a long way to go. "We bit off more than we could chew." Washko says

suggests that landfills simply cannot be operated without has been tried — many times — and found lacking. He problems. He insists that enforcement of the state regulations

methods of disposal, among them turning garbage into Washko says that the public apparently is not ready more sophisticated and more expensive

cost if it can be proven it is worth it "Historically, it is said that Americans will pay the

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C. 75.45	Communications		R. 75.97	Control of Blowing Litter	
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L. 75.82	Cover Material Characteristics		AA117	Bulky Waste	
M. 75.84	.: Prevention of Ground Water Pollution		BB. 118	Placement in Ground Water	
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REGIONAL OFFICE

200330

SUBJECT:

Novak Disposal Site

Permit #100534

South Whitehall Township, Lehigh County

TO:

Emil S. Washko

Division of Solid Waste Management

Reading Regional Office

FROM:

Carl F. Gitschief Solid Waste Special ist Bethlehem Office

On 1 May 1978, a conference was held with Louis J. Novak Jr., son of the owner and operator of Novak Disposal Site located in South Whitehall Township, Lehigh County, at his request.

The Novak Company, doing business as Valley Disposal, requested information concerning the procedure for the disposal of sludge material generated by Apollo Metals, Inc., 10014th Avenue, Bethlehem, for disposal on the Novak Disposal Site, Permit #100534.

This specialist will provide the necessary information and modules for this application at the time of the next visit to the site.

OA-501 12-67

COMMODWEALTH OF PENNSYLVANIA

June 2, 1978

SUBJECT:

Novak Disposal Area Permit #100534 South Whitehall Township Lehigh County

TØ:

E. S. Washko Division of Solid Waste Management Reading Regional Office

FROM:

C. F. Gitschier A Solid Waste Specialist Lehigh, Northampton & Carbon Counties RECEIVED

JUN 5 1978

MANAGEMENT

On 23 May 1978 an on-site review at the request of South Whitehall Township Commissioner Donald Snyder was conducted. Those personnel in attendance were: Louis Novak, Sr., president of Novak Sanitary Landfill, Inc; Louis Novak, Jr.; Michael Iacocca, enforcement officer, South Whitehall Township; Donald Snyder, commissioner of South Whitehall Township and this solid waste specialist.

The site review was conducted because Mr. Snyder, as part of his practice of airing citizen's complaints on Tuesday evenings in the township building, did receive several complaints from property owners abutting the Novak operation. Since Mr. Snyder had not previously visited the site he, in fact, was on a fact finding tour to determine if the complaints set forth by the citizenry were valid. All aspects of the sanitary landfill operation were discussed and all questions put forth by Mr. Snyder were answered to the best of the respondent's ability.

Upon conclusion of the site review Mr. Novak was informed of the several violations of the Solid Waste Management Act. They were:

- Leachate discharges occurring along the toe of the slopes under construction in the northeast corner of the property.
- 2. The final grade or elevation of the existing land disposal area appeared to exceed the maximum elevations proposed by the Solid Waste Management plan for the property. Adequate precaution would have to be immediately exercised by Mr. Novak in order to assure that no violations of these proposals would occur.

Mr. Novak seemed to be cooperative regarding these apparent violations.

XC- E. Wollho

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Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection Report.

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REGIONAL OFFICE 206334

June, 1978 INSPECTION

NOVAK SANITARY LANDFILL REPORT July 24, 1978

PUBLIC ROADS:

L.R. 39043 and T-593 clean.

ACCESS ROADS:

All very dry and in good condition. Main road south of gate has been widened enough to allow two way traffic. Branch of access road leading to east side demolition area over east center basin fill. Much brick, shingles and crushed stone stockpiled adjacent to access road south of gate for future road building and repair. Roadside of outches have been improved for better drainage.

DISPOSAL AREAS:

All disposal areas dry and generally in good condition. Engineer has been working with landfill operator and supervisor in checking grades and establishing new fill readings on the controls already existing throughout the landfill. Dumping operations predominently centered in east center basin and are in the form of an area type disposal operation. Observed compactor passing over refuse. Good layer of soil observed over the refuse. Work will progress east and southeast until surface of fill reaches grades as marked by engineer. West, southwest and northwest Sections not disturbed.

NOVAK SANITARY LANDFILL REPORT June 16, 1978

PUBLIC ROADS:

L.R. 39043 and T-593 clean; surface unbroken; both roads appear to be well drained.

ACCESS ROADS:

All in good condition; some low muddy spots in main road about 300 to 500 feet south of landfill gate.

Road southwest to west top trench under construction. Some progress in widening main road south of gate. Branch to east side demolition area seldom used, access to this disposal site now by road over east center basin fill.

Road to soil stockpiles in good condition but seldom used. Crushed stone stockpiled for road repairs.

DISPOSAL AREAS:

East Center Basin expanded to area type landfill and now includes east side demolition site and all area east of the main access road. Average depth of fill is 4 feet, maximum 6 - 8 feet. Refuse spread over large areas in 2 - 3 feet layers, covered with soil, mixed and compacted. Section at north center approximately at grade and used as staging area. The paper baler is also located here. Work will progress east and southeast until surface of fill reaches grade before deposition begins in trench. West, southwest and northwest sections not disturbed.

inen:

### NOVA K

# SANITARY LANDFILL REPORT

TRENCH:

Note existing trench not part of the approved plan for the trench type landfill. Some water in western half of trench. Pumps on standby to dewater trench during dry periods. North wall nearly vertical but appears stable; slope of south wall decreased by excavation for cover soil. Refuse will not be deposited here until surface landfill has been completed.

FENCES:

All fences in good condition.

VEGETATED AREAS: All trees and brush around perimeter clean.

VECTOR & INCINERATION:

No smouldering or burning refuse. No rodents observed on site.

# NOVAK SANITARY LANDFILL REPORT

COMMENTS:

Complete area type landfill before working in trench' Establish vegetation in completed areas after final cover is applied.

Continue to stockpile stone and rubble for road repairs and construction.

Crush bulky wastes and immediately incorporate into landfill. Improve drainage on main road by regrading roadside ditches.

INSPECTED BY: Dayle Solivier DATE: 6-16-78

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charle O. Colle

cc:

# NOVAK SANITARY LANDFILL REPORT

COMMENTS:

Complete area type landfill before working in trench. Maintain good soil cover over refuse.

INSPECTED BY: Carey Bunchaman DATE: 7/24/78

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charle a. Costole

Novak Sanitary Landfill, Inc.
South Whitehall Township Manager

ORIGINAL IRed) Application No. 36-318-027 36-318-028 Caloric Corporation Topton Borough, Berks County

John B. Moyer Regional Director

Emil S. Washko Division of Solid Waste Management Reading Regional Office

Solid waste material generated from frit spray booths is collected in barrels and disposed of as an industrial waste at the permitted Novak Landfill.

Application for plan approval by the Bureau of Air Quality can be released.

bc: Reading file
Caloric Corp.
Permit 100534 - Novak
G. Parks
E. Washko

BUREAU OF LAND PROTECTION Division of Solid Waste Management 520 East Broad Street Bethlehem, Pennsylvania 18018 AC 215 865-5750

August 18, 1978

Re: Novak Sanitary Landfill South Whitehall Township Lehigh County Permit No. 100534

CERTIFIED MAIL

Mr. Louis J. Hovak Route 1 Allentown, Pennsylvania 18104

Dear Mr. Novak:

On July 26, 1978, the Department of Environmental Resources, Division of Solid Haste Management, Bureau of Land Protection, received a copy of the current elevations depicted in topographic plan and cross sections of fill areas under the seal of Harold W. Campbell, P.E. of the C. A. Costello Engineering Company, retained by your landfill corporation for the purposes of constructing a sanitary landfill as required by Permit No. 100534. The blueprints as received indicate that construction on the Novak Sanitary Landfill is not proceeding according to the plans and specifications submitted on your behalf and subsequently approved by Permit No. 100534 issued by the Department on March 24, 1972.

You are hereby required to contact this representative by August 25, 1978, in order to confirm a suitable date for a meeting between members of the department and your company for the purpose of showing cause why appropriate legal action should not be taken against your company for violation of permit requirements. Available dates for a meeting are September 11, 12 or 13. Your prompt attention to this matter is required.

Sincerely yours,

Carl F. Gitschier Solid Waste Specialist ORIGINAL (Red)

bc: Bethlehem file Reading office

200341

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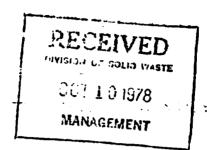
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Novak Sanitary Landfill, Inc. R.D. 1 Allentown, PA 18104

October 5, 1978

Department of Environmental Resources 520 East Broad Street Bethlehem, PA 18018 ATT'N: Mr. Carl F. Gitschier



RE: Solid Waste Disposal Permit # 100534

Dear Mr. Gitschier:

In response to the letter from the Department's Solid Waste Management Division, addressed to Mr. Louis Novak, dated August 18, 1978 and signed by Mr. Carl F. Gitschier, and the ensuing meeting that was held in the Department's Bethlehem Field Office on September 19, 1978 between Mr. Emil Washko, Mr. Carl Gitschier, Mr. Louis Novak and members of the C. A. Costello Engineering Company, this is to inform members of the Department of Environmental Resources, Solid Waste Management, that Mr. Louis J. Novak, owner and chief operator of the Novak Sanitary Landfill, Inc. will meet the permit requirements set forth by the Consulting Engineer, C.A. Costello Engineering Company, for the Novak Landfill in the "Specifications for Operation and Maintenance of the Landfill", dated December 6, 1971, and the resulting Solid Waste Disposal Permit and corresponding limitations and stipulations set forth by the Department on March 24, 1972.

Mr. Novak has decided to cease all garbage dumping operations in that area north of the eastern branch of the access road by October 20, 1978. After this date the baler, which is also presently located in this area will also be removed and relocated in a suitable area adjacent to the future dumping site. The only operations that will continue in the area north of the eastern branch of the access road will be the dumping of demolition in that area on the plan designated for demolition in the eastern part of the landfill. Operations will then begin on Trench 2, as per permit requirements and approved plan of operations.

After all operations but the approved demolition deposition cease in the northeast part of the landfill, elevations of the landfill will be taken on a grid pattern of 50.00 feet and a report of the findings will be sent to the Department. On this report the results of the field work, showing exactly what areas of the landfill are up to grade and the location of the toe of the bank at the demolition site, will be included.

After October 20, 1978, roughly one month, weather permitting, will be required to place two (2)—feet of final cover on and revegetate with wheat or barley those areas which are found to be up to final grade. The goal for completion of this phase of the project will be November 30, 1978. In those areas north of the eastern branch of the access road that are not up to final grade elevations as of October 20, 1978, a one (1) foot layer of intermediate soil cover will be put in place for temporary cover until dumping operations eventually resume in these areas.

Very truly yours.

Janis Morale
Louis Novak

cc: Mr. Emil Washko



R 100 534

COMMONWEALTH OF PENNSYLVANIA

October 13, 1978

SUBJECT:

Novak Landfill South Whitehall Township Lehigh County Permit No. 100534

TO:

Emil S. Washko
Division of Solid Waste Management
Reading Regional Office
Wernersville

FROM:

C. F. Gitschier Solid Waste Specialist Lehigh, Warthampton & Carbon Counties

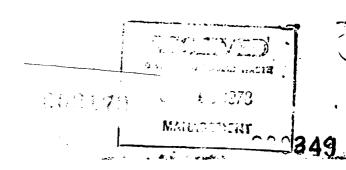
On 4 October 1978 a meeting was held in the office of the Department of Environmental Resources, Bureau of Land-Protection, Division of Solid Waste Management, 520 East Broad Street, Bethlehem, for the purpose of discussing information gathered by the C. A. Costello Engineering Company on behalf of Louis Novak, permitted operator of the above captioned disposal site.

Mr. Charles A. Costello and Mr. Carey Brigman represented the Novak Landfill Company; Mr. Louis Novak Sr. was also present. This author represented the Department.

Mr. Costello indicated that he believed construction to be nearly completed in the northeast quadrant of the landfill and final elevation will be gathered in that area following final coverage and revegetation of the site. Continued demolition disposal will be in progress at the lower elevations completing the total concept of landfill in the northeast corner along Lapp Road. As depicted in drawings showing final grades and slopes in the approved plan, the Costello Engineering Company will guide the operator, Novak, in achieving these elevations. Certification of final grade will be taken as each area is completed. It was anticipated and speculated by Costello that the initial completion date for approximately two acres in the central portion of the current construction area will be completed and vacated by 20 October 1978.

Confirmation of the above is anticipated to be submitted to the Department by 8 October 1978.

Actual construction and operation of the trench method of disposal as approved by Permit No. 100534 will commence on or about 20 October 1978 in trench number 2. The scheme as set forth in the application states that trenches 2 and 4 will be constructed initially, followed by trenches 1, 3 and 5. In compliance with the regulations set forth in the permit issuance statement, the Novak Company will inspect and notify the Department prior to use of the said trenches.



E 41-R	LP-09 REV. 3/74	•					
Muni	icipality <u>S</u>	19/11/-1 2111				Identification	No. 100534
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<b>A</b> .	75.43, .93	Access Road		P.	75.92	Standby Equipment	
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<b>c</b> .	75.45	Communications		R.	75.97	Control of Blowing Litter	
n.	75.46	Fire Protection		s.	75.98	Burning	
$\bigcup$	75.47	Limited Access		т.	75.99	Dust Control	
F.	75.48, .95	Unloading		υ.	,111	Spreading and Compacting	
G.	75.49	Salvage			445	<b>-</b>	
Н.	75.50	Vector Control		, v	112	Thickness of Cells	
<b>l.</b>	75.51	Accident Prevention and Safety		W.	.113	Daily Cover	
J.	76.52	Employee Facilities		γ.	.115	Final Cover	
K.	75.53, .120	Operational Records and Plan Execution		z.	.116	Sewage Solids, Liquids & Hazardous Wastes	
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÷		Water		DD.	.121	Continued Maintenance After Operations Have	
	75.91	Equipment				Ceased	200350

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspectional

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WASTE DISPOSED, RUSINGE RECOVERY AND LAND DISPOSED DEFENTION EN PROPERTY END OF SITE RECOVERAGE

Disposal Facility No Jan ( Disposal Facility No Jan ( Disposal Facility T) = 100534

SOL AND ENTENMEDIATE COVER

Date 10 - 20 - 78

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Mug	icipalityS	WHITEHI	4.				. Identificatio	n No. 100534
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Ú		•	BURE	AU OF LAN	D PROT	TECTION	NOV 1 . 1078	
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		Disposal Facili	ty			**	Proprietor	
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Add	ress AL	LENTOWN	<i>₽</i> #.	<u></u>	Add	ress	ALLENT-OWN,	241
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B.	75.44;-04	Weighing or Measuring Facilities		<b>)</b>	Q,	75.06	Size of Working Face	
c.	-25.45-	Communications			R.	75.07	Control of Blowing Litter	
_	<del>75.48 -</del>	Fire Protection			s.	<del>75.9</del> 8	Burning	
<u></u>	75.47	-Limited Access			т.	75.00_	Dust Control	
F.	75.48, 05	Unloading			υ.		Spreading and Compacting	
G.	<del>~5.4</del> 9	Salvage	MC		<b>V.</b>	-112-	Thickness of Cells	
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J.	35.52	Employee Facilities	-00-		Υ.	_115_	Final Cover	
K.	7 <del>5.63, .12</del> 0	Operational Records and Plan Execution			<b>z</b> .	_116_	Sewage Solids, Liquids & Hazardous Wastes	
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$\bigcup_{i}$	25.91	Equipment			<i>-</i>	-	After Operations Have Ceased	LILI WAT
Speci	fy all violations,	indicate required corrective	e measures and indica	te abatement	time fo	r all NC it	ems on pag-	200359

PRINCIPAL OPERATORS OF page 2 CAND DISPONAC MAS MOVED DE SITE TO SOUTH WESTERN Disposal Facility NOVAK LAND DISPOSAL FACILITY INDEST FROM NOK-H FASTERN END AS SIENN EN APPROVED DUITAL. CONNER ON UNLOADING SITE WASTE IS UNLORDED & PLACED IN TO THE TRIBULA BY CIET 816 COMPACTOR. WASTE 'S CONEFED BY DRUN THE UNCETED AND PIPS DAILY CORE ESPECIES. THOSE AREAS DETERMINES DEFENDED TO SE AT FINAL ELEVATION AL DER THE ANAROS MISS MUST LE COURSES IN THE REQUIRED TWO FT. DE COVER ( REJUGEET), INTER-MEDINTE COVER DE (1) ONE EOOT MUST DE DEMCED ON THOSE AREAS NOT AT GRADE. EN PRRTICULIAR THOSE EXPOSED SUPPES ON THE SOUTH EXCREPANTING OPERATION IS

OF THE SITE HUST OF COVERED THE OPERATION IS REMINDED THAT NO SCOPE JUST ENCES 15%. THE HALARDOUS WASTE CANTAINERS MUST BE REMOVED FROM THE SIRE. THE STONAGE OF THIS TYPE (1. ). WHESTE ISI IN VIOLATION OF THE SWAI DENNIE STI DUCATIONS. VARIOUS TYPES OF RESOURCE RECOVERY TEMS MY BE-KEPT ON SIFE IN AN ORDERY MARKER, BUT MUST BE KEPT OUT OF THE WHY DE THE FILL OFFERINGS.

Department of Environmental Resources Representative

Louis Horak

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	75.82	Cover Material		As the Mark	AA117	Bulky Waste	
М.	<b>75.84</b>	Characteristics Prevention of Ground			BB. ,118	Placement in Ground Water	ORIGINAL
· .,	•	Water Pollution			CC119	Final Grading & Seeding	
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B.	75.44_94	Weighing or Measuring Facilities			Q.	25.06	Size of Working Face	
C.	<del>25.45-</del>	Communications			R.	75.97	Control of Blowing Litter	
	7 <del>5.46</del>	Fire Protection			s.	75.98	Burning	
E.	35.47	Limited Access			7 T.	7 <del>5.00</del>	Dust Control	
F.	25.48,.06-	Unloading			U.	111-	Spreading and Compacting	
G.	<b>75.49</b>	Salvage			v.	_112	Thickness of Cells	
H.	75.50	Vector Control			w.	_113_	Daily Cover	
	<del>25.61-</del>	Accident Prevention and Safety			ж.	عدد	Intermediate Cover	
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<b>K.</b>	75.53, 120	Operational Records and Plan Execution			<b>z.</b> .	_116	Sewage Solids, Liquids & Hazardous Wastes	
L.	<b>25.8</b> 2	Cover Material Characteristics			AA.	_117	Bulky Waste	
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74	. <del>53, .120</del> .	Operational Records and Plan Execution			Z.	-116-	Sewage Solids, Liquids & Hazardous Wastes		
74	<del>.02 -</del>	Cover Material Characteristics			AA.	447	Bulky Waste		•
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76	i.85	Drainage of Surface		<b>]</b>	cc.	710	Final Grading & Seeding		
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Dissource OPERATIONS CONSICTES

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CONFINED AREA, CAT BUR SHOWDING IDE 100534

AND COMPACTING WASTE. DEMOCITIES Date 12-01-78
AND WASTE ENTERPATED IN DISTRIBUTED DISDRIAL PROPERTY.

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A DAILY CASIS PURICACLE.

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IN GENERAL, FOR CONSTRUCTION PROCEDURE LIMITE AND

REQUIREMENTS, OPERATOR IS TO CONSULT MARRISON MORNES. IN

ADDITION SCHEDUCE IN UNDITED CHAPCING AND CNISTHURDING

IN FERNITATION THE TO BE SUPPLIED.

Laws ). Hoperator

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ER-BLP-09 REV. 3/7	74	· ·			<del></del>		
Municipality	OUTH HAA	Te is			Identification	n No. 10053	34
County LFH	1 1914	· .				Date 12-07	-78
	· ·	BUREAU	OF LAND PROT	ECTION	ARECEIVED UNCESCEIVED DIVISION OF SOLID WASTE ORYAN 1 2 1979 MANAGEMENT		
	Disposal Facil	lity			Proprietor	<del> </del>	
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Address ALC	_	2± 1		ress A	161/71 WW.	Rui	•
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A. 75.43, .93	Access Road	C NC NA	P.	75.92	Standby Equipment	NC NA	
B. 75.44, .94	Weighing or Measuring Facilities		Q.	75.96	Size of Working Face		
C. 75.45	Communications		R.	75.97	Control of Blowing Litter		
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M. 75.84	Prevention of Ground Water Pollution		68.	.118	Placement in Ground Water	ORIGINAL	
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Specify all violations,	, indicate required correct	ive measures and indicate	abatement time fo	or all NC ite	ms on page 2 of the Insp		

FILLING & COMPACTING IN DUGDES @ WESTERN 210 AN TREKE 1-

Source Wasters and State Disposal Facility NOURK LAND File

RESOURCE PERSON PERSONS TO # 100534

in PROGRESS AT MICCASING Date 12-07-18

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PACYCLABLES MUST BESTURED IN AN OPDERLY MEDICERANS

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RESOURCE RECOVERY OUNT JULY IN MICHES BORRO is REMADES WELL THE WAST STREETING

Lais 11 John

January 24, 1979

Novak Disposal Site
South Whitehall Township
SUBJECT: Lehigh County
I.D. 100534

TO:

Emil S. Washko Division of Solid Waste Management Reading Regional Office

FROM:

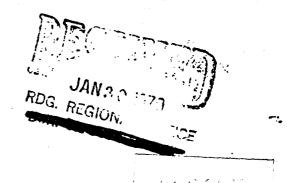
Carl F. Gitschier
Solid Waste Specialists
Lehigh, Northampton & Carbon Counties

On January 19, 1979, an evaluation of the Novak facility was being conducted. At the time this specialist arrived, Wallace Koster of Nassaux-Hemsley together with Steven Heleva, owner and operator of the Heleva Disposal Site, R. D. 1, Coplay, were on the Novak operating facility.

In a conversation that ensued, Mr. Koster indicated that a legal agreement is being consummated between the Authority of Pen Argyl and the Grand Central Sanitation Company, Inc. of Pen Argyl d/b/a Mr. and Mrs. Robert F. Perin. The Perin Company will be responsible for all engineering costs, installation and maintenance of the pumping and deliverance systems for collection and deposition of leachate materials collected from the land disposal area located in Plainfield Township. An estimated 150,000 gallons per day has been reserved in the Borough Sewage Treatment Plant for this purpose. Koster seemed excited at the achievement and hoped for a rapid review and response to the submission.

No detail concerning the visit to the Novak facility was given; however, periodic consultation between members of the Disposal Association is quite evident.

cc: Bethlehem file Reading office



ER-8	LP-09 REV. 3/7	4				_		
Mun	ieipality	<u> </u>	<del></del>			) Identificatio	n No. <u>100 53</u>	<u> </u>
Cou	nty	16					Date <u>62</u>	-72
			COMMONWEALTH DEPARTMENT OF ENV BUREAU OF LA  LAND DISPOSAL I	IRONMEN AND PROT	TAL RESOL	FED 1 3 - 27	9	
		Disposal Facili	ty	1	<u> </u>	Proprietor		<del></del>
Nam	e Nouse	LAND Sice		Nam	e / nu	S -T NOVAK		
Addı	ress Alle	サアクレンジ	P 4 1	Add	ress <u>A</u>	LENTHUM R	<i>x</i> 1	<del></del>
ic-ca	ompliance; NC-No	on-Compliance; NA-Non-A	pplicable)				<del></del>	
A.	75.43, .93	Access Road	C NC NA	Р.	75.92	Standby Equipment		
8.	7 <del>5.44, 94</del>	Weighing or Measuring Facilities		<b>Q</b> .	75.96	Size of Working Face		
C.	7 <del>5.43</del>	Communications		R.	75.97	Control of Blowing Litter		
D.	75 <del>.40</del>	Fire Protection		S.	75.98	Burning		
E.	75.47	Limited Access		Т.	75.99	Dust Control	11A	
F.	7 <del>5.48, .05</del>	Unloading		U.	.111	Spreading and Compacting		
G.	75.49	Salvage Vector Control		v.	.112	Thickness of Cells		
	70.30	•		w.	.113	Daily Cover		
	<b>75.51</b>	Accident Prevention and Safety		x.	.114	Intermediate Cover		
. ·	76.52	Employee Facilities		Y.	.115	Final Cover	WA	
K.	75.53, .120	Operational Records and Plan Execution		Z.	.116	Sewage Solids, Liquids & Hazardous Wastes		
L	75.82	Cover Material Characteristics		AA.	.117	Bulky Waste		•
M.	75.84	Prevention of Ground Water Pollution		B <b>8</b> .	.118	Placement in Ground Water		
N.	75.85	Drainage of Surface Water		CC.	.119 .121	Final Grading & Seeding  Continued Maintenance		,
0.	75.91	Equipment				After Operations Have Ceased		

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OBSERVATION OF THE SACE DE THE HEAR MONEY CORE OF THE TREJEM WHERE EICH DHERATIONS ARE IN PROPERTY MORNEY Upon close of menon the little incide a Common place the Some couse. This improves a property by the for conting where or SNOW COURT ENT, 100 LOUGE, CHARLETTE DOES THENESTED FORM SUPERCE DISCHAPGE FISHERS AND PHYSICAL EVALUENTION OF . JURTERIALS IN THE APER. THE DEMINTIONS OF THE APER WYOLDEL 15 AKOVMIATLY SEVENTY-FIVE FELT WISE AND THO HOUSE'S TO THE TOTAL THERE IS NO WAY OF DETERMINING DESTA. THE SIE OPERATOR IS ADVISED THATTH'S & FIRE IS A JIOUNT HOW BE THE EULES, CHEVENTH AND- STANDARDS OF THE SOUND WASTE MANAGEMENT ATTEM ANY OF CHAME 75 OF THE RULES MID ET SULATIONS. IMMEDIATE ACTION MIST BE TAKED TO EXTINGUISH TE FEE, DE MOJE CHAUSTINE MATERIAL AND OPERATE GAD CONSTRUCT THE SITE IN COMPLIANCE WITH THE HOUSE ONED REGULATIONS, THESE ACTIONS MUST BE TUNEDINTE SUCURE

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Cour	nty	16 4	COMMONWEALTH ( DEPARTMENT OF ENVIR BUREAU OF LAN  LAND DISPOSAL IN			MAG	Date <u>63-01</u>	- 79 
<u> </u>		Disposal Facilit	t <u>y</u>		<del></del>	Proprietor	$\exists$	<del> </del>
Nam	NOUAK	LANDFILL	•	Nam	<u> </u>	C 27 A/	CJAK	
			S 4 1			<i>∈.</i> ∂17±.0	241	
(C-Cd	ompliance; NC-No	on-Compliance; NA-Non-A	pplicable)				<del></del>	· · · · · · · · · · · · · · · · · · ·
A.	<del>75.43, .9</del> 3	Access Road	C NC NA	P.	7 <del>5.92</del>	Standby Equipment	NC NA	
В.	7 <del>5:44; .94</del>	Weighing or Measuring Facilities		a.	7 <del>5.96</del>	Size of Working Face		
C.	7 <del>5:45</del>	Communications		R.	75.97	Control of Blowing Litter		
D.	75.46	Fire Protection		S.	7 <del>5.98 -</del>	Burning	- NA	
E.	7 <del>5.47</del>	Limited Access		T.	75.99	Dust Control	- JA	
F.	7 <del>5.48; .05</del>	Unloading		U.	.111-	Spreading and Compacting		
G. H.	75.49. 75.50	Salvage  Vector Control		V.	<del>.112-</del>	Thickness of Cells		
	7 <del>5.51</del>	Accident Prevention		w.	_113	Daily Cover		
1	75.52	and Safety  Employee Facilities		X. Y.	<del>-114</del>	Intermediate Cover		
K.	25.53, 120	Operational Records and Plan Execution		z.	-116-	Sewage Solids, Liquids & Hazardous Wastes		
L	75.63	Cover Material Characteristics		AA.	<del>-117-</del>	Bulky Waste		2
M.	<del>-75.84-</del>	Prevention of Ground		88.	<del>.112.</del>	Placement in Ground Water		
N.	<del>75.85</del>	Water Pollution  Drainage of Surface		CC.	<b></b>	Final Grading & Seeding		•,
0.	75.91	Water Equipment		DD.	. <del>121</del>	Continued Maintenance After Operations Have Ceased		
			mangures and indicate shatemen		!! NO :	2 (1)	<del>-</del>	··· -

Specify all violations, indicate required corrective measures and indicate abatement time for all NC items on page 2 of the Inspection

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SOUTH. FINISH GRAGE Disposal Facility HOUPK LANDEIL

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ID# 100534

BY ENGINEE. ADDITION OF Date 03-01-79

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#### BUREAU OF SOLID WASTE MANAGEMENT 520 East Broad Street Bethlehem, Pennsylvania 18018 AC 215 865-5750

April 9, 1979

Re: Novak Disposal Facility
South Whitehall Township
Lehigh County
10. 100534

### CERTIFIED HAIL NO. 504732

Hr. Louis Novak, President Hovak Landfill, Inc. R. D. 1 Allentown, Pennsylvania 16104

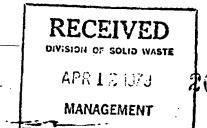
Dear Mr. Hovak:

### HOTICE OF VIOLATION

On Harch 21, 1979 an investigation of the solid waste facility captioned above was conducted by a member of the Department of Environmental Resources, Bureau of Solid Waste Hanagement, in order to determine compliance with the Solid Waste Management Act No. 241 and Chapter 75 of the rules and regulations pertaining thereto.

The following violations and/or poor practices were found at the time of that evaluation:

- 1. The disposal operation was being conducted at the southwestern portion of the facility. Observations indicated that heterogenous wastes were being deposited on the face of the operating portion of the facility with a slope in excess of 15%. It is pointed out that this does not afford the maximum amount of compaction and presents a safety problem with the operation of equipment. It is recommended that the operating face be reduced to a maximum of one vertical foot on three horizontal feet.
- 2. Substantial amounts of surface runoff integrated with contaminated liquids discharging from the face of the fill site is problem of the toe of the operating face. Liquid removal equipment was present but not operating at the time of the visit. The operator is reminded that all operations in the area must stop until such time



Mr. Louis Novak, President Page 2 April 9, 1379

as the contaminated liquid is removed from the fill area. Further, the operator is reminded that no deposition of waste may occur at any time into any water.

- 3. Substantial problems exist at the completed area in the northeastern area of the facility. Leachate continues to discharge to the surface at the toe of the slope along the access road to the demolition disposal site. No liquid discharges are permitted to discharge from the existing disposal facility. All materials must be collected.
- 4. As indicated in the correspondence dated October 31, 1973 in which a commitment was made to the Department, appropriate cover and revegetation must be completed on the top of the completed area at the northeastern end of the facility. At the time of the visit, substantial amounts of refuse were still exposed to the curface. This portion of the facility must be covered with a minimum of two feet of appropriate soil cover capable of sustaining vegetation. Vegetation must be established. Preparation for this procedure must commence immediately.
- 5. Survey of the completed facility southwest of the equipment garage indicates that settlement is taking place. As a result of this settlement a number of water impoundments exist. The operator is advised that continued existence of these impoundments act as a recharge area for waste deposited under that portion of the completed fill site. This recharge aids in the continued development of leachate and presents potential for contamination of ground water under the facility. It is advised that regrading in the area be accomplished as soon as feasible in order to remove impoundments and develop a surface water drainage scheme to remove precipitation and prevent impoundment.
  - 6. Waste deposited along the western end of the facility continues to be exposed to the surface. The waste material consists of miscellaneous demolition, wood and industrial types. This waste is easily visible from Parkland Terrace Road. In order to remove the waste and comply with the regulations, the operator is to place appropriate types of cover material over the exposed material and establish satisfactory grade on the face of this exposed slope.

    Correction of the discharge occurring periodically along this slope face is needed. The operator is again reminded that no discharge may be permitted to flow off the confines of the facility.
  - 7. The repetity of operations observed at the site indicate that the longevity of the existing trench currently employed for deposition

Mr. Louis Hovak, President Page 3 April 9, 1979

of waste materials is extremely limited. The slope, final grade and method of storage of waste in the area are contributory to the short operations expectancy. The site operator is advised that expeditious preparation of the schedule for excavation, development and certification of the first trench indicated as Trench No. 2 on the submission. The operator is reminded that when overburden is removed, walls and floor of this trench completed, the consultant in charge of the construction of the facility must certify the "as built" physical status of the facility to be in conformance with the prepared module plans as submitted and permitted by this Department. In no instance may any waste be introduced to this trench without previously notifying the Department as per the requirements of the permit issued by the Department.

The above items must be addressed within constraints of the time given to each. The operator is reminded that all of the above items are necessary and must be complied with in order to remain in compliance with the regulations governed by the issuance of the permit regulating the facility. Failure to achieve these may result in appropriate action to insure compliance by the Department. Should you have any questions concerning any of the above please do not hesitate in contacting this office.

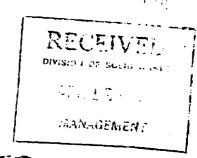
lincorely yours,

Carl F. Gitschier Solid Wasta Specialist

Enclosure: Certification of Facility Design and Construction

bc: Michael Iocca, So. Whitehall Twp.

bcc: Bethlehem file Reading file



Bureau of Solid Haste Hanagement 520 East Broad Street Bethlehem: Pennsylvania 18018 AC 215 865-5750

May 21, 1979

Re: Novak Landfill, Inc.
South Whitehall Township
Lehigh County
No. 100534

### CERTIFIED MAIL NO. 604777

Novak Landfill. Inc. Mr. Louis Novak, President R. D. 1 Allentown, Pennsylvania 16104

Dear Hr. Hovak:

### HOTICE OF VIOLATION

On Hay 4, 1979 an inspection of the Hovak solid waste disposal facility, South Khitehall Township, Lehigh County, was conducted by a member of the Department of Environmental Resources, Bureau of Solid Waste Management.

The following violations and/or poor solid waste management practices were observed at that time:

1. Reference is made to the Notice of Violation dated April 9, 1979, item number 5, in which it was cited that an impoundment and/or low water collection point existed southwest of the equipment garage. This condition has not been alleviated and/or corrected as of the date of inspection. Further, plans and specifications submitted by the applicant, upon which a permit to construct and operate a sanitary landfill issued to the Novak Landfill on Narch 24, 1972, requires that a surface water collection and transportation swale be constructed as per the specifications cited in the approved drawings for conveyance and dispersion of said surface water from the area experiencing problems. It is imperative that construction be completed on this swale in order to alleviate the surface water hazard which currently exists at the facility.

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DIVISION OF SOLID WASTE

MAY 2.4 1979

MANAGEMENT

- 2. Portions of the operating face where heterogeneous types of wastes are being deposited continue to exceed a one-on-three slope. This causes problems with heavy equipment negotiating the tipping area and the compaction equipment having difficulty in placing, spreading and compacting materials deposited at the facility. The operator is reminded that no operating faces on the facility are to exceed a 15% slope.
- 3. Reference is made to item 2 on the April 9, 1979, Notice of Violation. The leachate discharge cited in progress at that time continues to plague the area at the eastern end of the operating trench. Although substantially less liquid exists at the toe of the operating face due to the placement of waste, the discharge of leachate continues at the top of the edge of the trench thereby indicating that the recharge area upgradient from the discharge point has not been corrected. The operator is advised that the discharge of contaminated liquids is not permitted to be discharged from the facility.
- 4. The discharge at the toe of the slope along the entrance road to the demolition disposal area at the extreme eastern end of the facility continues. Although the operator indicated that he has back-bladed this entrance road in an effort to remove surface contaminants, leachate continues to discharge at the toe of the slope between placed wastes and the entrance road to the demolition disposal In essence, the discharge continues because insufficient cover material has been placed on the surface and/or on the slope of the placed face adjacent to the entrance road in question. This lack of cover also is in violation of a commitment made to the Department on October 31, 1973, at which time the Hovak Corporation indicated the required amount of soil and revegetative material would be placed on these completed portions of the facility. This violation was also indicated on item No. 4 on the Notice of Violation dated April 9, 1979. The operator's attention is called to the requirements associated with the commitment and the Pennsylvania Solid Waste Hanagement Act, No. 241 as amended, and Chapter 75 of the Rules and Regulations requiring that all completed portions of the facility be revegetated in accordance with the materials submitted in the application for permit and subsequently approved by the Department.
  - 5. Reference is made to violation No. 6 on the Motice of Violation dated April 9, 1979, a portion of which deals with the water conveyance and discharge which periodically occurs along the edge of the berm at the extreme western end of the facility adjacent to the tipping area currently being used by the Hovak site. The previously cited water conveyance depicted on the approved design plan is not yet complete.

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The operator is currently grading and cutting a swale; however, in the process, placed wastes have been exposed to the surface of the ground. In order to meet Solid Waste Management rules, regulations and standards, the operator is advised that construction of said swale must meet design characteristics submitted and approved on the application and be able to meet the necessary cover requirements for placed solid waste. Reiterating, it is required that a minimum of two feet of compacted soil be placed over any area of placed waste upon conclusion of the operation in that area of the facility.

- 6. The characteristic odor of oxidation occurring beneath the surface of the facility was present on the site at the time of the evaluation. The facility has experienced this chronic problem occurring in the area directly south of the main entrance road. operator is reminded that continued monitoring is required in the area where demolition and industrial wastes have been placed. Further, contingency plans in order to confine and abate the combustion situation currently in progress in that area must be developed by the operator to assure that expansion of the combustion is prohibited and remedial methods available for extinguishing the same be implemented. A suitable written plan for abatement of the problem must be developed and submitted to the Bureau. It is advised that additional placement of waste in the trench developed south of the vents where the combustion odor is most prevalent be restricted. Further, the operator is advised that at no time is burning of any material on the deposition site permitted.
- 7. Reference is made to correspondence dated Harch 22, 1979, from the Bureau to Mr. Louis Novak, Sr., president of the Hovak Landfill, Inc., in which requirements for the quarterly water analysis on the monitoring points constructed and operated on the facility were to be collected and submitted on or before April 30, 1979. The Hovak Landfill, Inc. is currently in violation of Permit Ho. 100534 stipulations requiring that quarterly chemical analysis be collected from all monitoring points adequately sampled and submitted to the Bureau. As of this inspection date the Bureau has not received the first quarter analysis. Immediate submission of these necessary documents is required.

The above items represent violations of the Pennsylvania Sclid Haste Management Act and/or the Solid Waste Management Permit for the facilities relating thereto. Continued violation of these items may result in action by the Bureau relating to the operation and construction of the disposal facility and/or remaining in compliance with the permit issued thereto. Ul sange

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Should you require any assistance or have any questions with regard to any of the above, the Bureau may be contacted at the above office.

Sincerely yours,

Carl F. Gitschier Solid Waste Specialist

cc: C. A. Costelle Engr. Co.

bc: Michael Iacocca, South Whitehall Twp.

bcc: Bethlehem file

Rdg. Ofc BSWM -

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Bureau of Solid Waste Management 520 East Broad Street Bethlehem, Pennsylvania 18018 AC(215)365-5750

July 9, 1979

Re: Novak Landfill, Inc.
South Whitehall Township
Lehigh County
No. 100534

Novak Landfill, Inc. Mr. Louis Novak, President R. D. 1 Allentown, Pennsylvania 18104

Dear Mr. Novak:

On June 27, 1979, a representative of the Pennsylvania Department of Environmental Resources' Bureau of Solid Waste Management visited the Novak Landfill, Inc. for the purpose of determining compliance of that facility with the Pennsylvania Solid Waste Management Act No. 241. The following violations and/or poor management practices were observed at that time.

- 1. Some improvement was observed in the method of placement and compaction of waste by operation of a Cat 826 compactor together with reduction of angle of the exposed working face. However, the south face of placed waste should be stabilized to reduce angle of waste material and enable machines to more easily negotiate the waste.
- 2. Some work has been completed on areas adjacent to the maintenance building. Some low spots continue to exist causing retention of surface water permitting percolation and recharge. Regrading, revegetation and maintenance is needed in this area.
- 3. Vegetative re-establishment of the completed area east of the main entrance road is in progress. Some low spots due to settling were observed both in the area designated at elevation and the area to be used as demolition disposal area. These low spots are contributing to the leachate problems the facility is experiencing. Two principal areas of discharge are in progress: A sump for retention of concentrated leachate is being used at the toe of the slope at the

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extreme eastern end of the site. The discharge is substantial considering the lack of precipitation. The operator is reminded of the necessity to correct the cause of the discharge. In addition, a method is needed to separate and control both surface water and contaminants. At no time is contaminated discharge off-site permitted.

- 4. Evidence of burning of placed waste south of the main entrance road continues. The operator is notified of the environmental violations and safety hazard of this practice. Although the material has been covered, until all evidence of burning has been stopped, the condition is a violation of Chapter 75 §75.26(f).
- 5. The surface collection and diversion trench located at the extreme western end of the site is under construction. The outfall of this trench conveyance system is located in a corrow area. At the time of the visit, pulverized rock which appeared to be of the blue limestone variety was observed on the floor of what would be the retention pend of the collection trench. The uncartned outcrop is located in close proximity of Monitoring Well 25. If liquids are introduced over this rock outcrop contamination of ground water is possible, further, since the outcrop must be considered bedrock, the operator is required to meet all standards stated in Chapter 75 375.24 as relates to general standards for sanitary landfill. The operator is reminded that he is required to construct, operate and complete the facility in accordance with the approved plans as approved under permit and all such actions must be certified by a Registered Professional Engineer on documents provided by the Department.
- 6. Current water analysis reports for monitoring points have been received as required by Item #7 on Notice of Violation dated May 21, 1979.

Sincoroly,

Carl F. Gitschior Solid Waste Specialist

cc: C. A. Costello Engr.

bcc: Bethlehem file Rdg Ofc BSWM/ E. Washko FR-SWM-1:5/79

## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

RECEIVED
DIVISION OF SOLID WASTE
DEC 1 0 1979

MANAGEMENT

IDEI	NTIFICATION NUMBER (1-	7)	i week in the second of the se	INSPECTION DATE (9	<del>)</del> —14)	INSPECTORS SOC. S	EC. NO.	(16-	24)
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NAN	ME OF DISPOSAL FACILITY			FACILITY ADDRESS					<del></del>
Vov	MK SANITARY	LANDI	-ill .	2#1	Acc	ENTOWN		Ç	w.
_	NICIPALITY		sages sign	COUNTY					
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FAC	ILITY PROPRIETOR (NAME	, ADDRESS, AND	TELEPHONE NUMBER)	_					
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DAI	LY VOLUME RECEIVED		ANNUAL REPORT RECE	IVED		PER WEEK			
( /	75 T/D	·.			OPER	ATED 5.5	·	• •	
		1 - Comp	pliance, 2 — Non-Complianc	e, 3 - Not applicable	<del></del>				
	CHAPTER CITATION		n i poveznici i . Nakladi te bi i i				1	2	F3
26	75.21(m)(3)	Suitable barrier l	blocks access to site when at	tendant is not present.			1		一
27	75.21(s)		buffer zone present				7		一
28	75.21(1)(1), (2), (3)	Adequate fire eq	uipment or procedure for m	inimizing fire hazard		<del></del>	7	-	厂
,	75.21(q)	Approved operat	tional safety program being u	ıtilized		<del></del>	U		一
ب 30	75.21 (p)		control program utilized at a	Mark Commence	vector pr	ogram required:	U		
31	75.21(m)(2)	Hours of operati	on prominently posted				V		一
-32 a	75.21(k)	Telephone or oti	her communications available	- <del></del>			7		
33 3	5-75.21(o)(1)	Salvaging occurs	in accordance with regulation	ons ···			L		一
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	·	rds maintained and method				L		
	75.24(c)(2)(xxi), 75.37(j) 4 & 75.38 (1(8)(viii)	Final minimum	uniform two foot layer of co	empacted cover material p	laced on	surface of final lift	v		
de lace	* 75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water m	anagement administered at t	ne site			-		
	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes with	nin 1 to 15 percent or as app	proved by Department			L		=
<b>3</b> 8	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material	being utilized			-		
<b>3</b> 9	75.24(c)(2)(v) & 75.38 11(8)(ii)(iv)(vi)	Site access roads	are negotiable by loaded co	llection vehicles		:	L		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	and terracing in accord with	regulations		1 mg	l		Z.
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 H(8)(ii)	Fire breaks					L	-	

STD# 100 534

/ ER-SWM-1A:5/79

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT JMMONWEALTH OF PENNSYLVANIA 12-07-79

# INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable		<del></del>	<del></del>
	CHAPTER CITATION	1 — Compilation, 2 — Hor compilation, 3 — Hot applicable	1	2	Γ.
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	<b>†</b>	Ė	ر
	75.24(b)(4)(i), 75.37(k)(6). a 75.38 II(8)(I)	Ground water monitoring requirements being met	-		
44	75.24(c)(2)(xi), 75.37(k). & 75.38 II(8)(ii)	Approved cover material being utilized	٧		
45	75.24(c)(2)(x)	Approved subbase being utilized			[
48	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	-		
47	75.25(h)	Lined site, under drains operable			
48	75.25(i)	Are liners in place and covered with protective earth			١
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained			7
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly			
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	V		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	4		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			1
54	75.26(f)	Regulation ban on open burning adhered to	U		
55	75,26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	V		
58	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		v	
57	~ 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		U	
59 C 59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	U		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	7		
61	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	14		
62	75.26(g), (h) & 75.38 il(8)(vi)	Dust controlled at site	4		
63	`75.26(j), (k)	Blowing litter controlled ORIGINAL	V		
64	75.26(c)	Provision for standby equipment available when needed	0		_
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	4		
. 66	Chapter 101(9)(e)(2)	is bonding status correct	$\Box$		Z

#### COMMONWEALTH OF PENNSYLVANIA **DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT**

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

> COMMENTS: FORM NO. 10, 11, & 12

> > DISPOSAL FACILITY WOURK S. C. ID# 100534

RECYCLED MARRIAL SHOULD 12-05-79 ENKEPT CONFINED & WORKED

E EXPOSED SLOVES (WASTE) MUST BE COVERED PRESCRIBED AINSONTS OF MATERIAL CONFORM 70 SUPFACE COUER.

(3) CARE MUST BE GIVEN TO CONFORM WIFE SPE - DETERMINEN ELEVATIONS IN CONSTRUCTION ロド 丁畑 らんだ

a DAILY AUST 3€ ROUCIEN 70 100 EHCH TWO FOOT 01 MHERING AND/OR A THE END OF EACH OPPOS OF OPERATOR.

> ORIGINAL (Rea)

### SANITARY LANDFILL REPORT DECEMBER MONTHLY INSPECTION

PUBLIC ROADS:

L. R. 39042 contains some mud on it from the access road's entrance to about 150 feet east. However, it is basically in good shape.

ACCESS ROADS:

Access road is somewhat moist and frozen but relatively stable. Its entire legth from the entrance to the landfill where the active disposal area is in operation is in excellent condition.

DISPOSAL AREAS: No standing water is observed. Disposal operations taking place in existing pit toward southeast. Ramp slope moderate and acceptable. The southeast active disposal area from station 9+00 S and 13+00 W to 9+00 S and 21+00 W is being checked for the elevations and grades by C. A. Costello Engineering Co.



RDG. REGIONAL OFFICE DEPT. OF EITY. RES.

RDG. REGIONAL OFFICE DEPT. OF ERV. RES.

#### SANITARY LANDFILL REPORT

COMMENTS:

Any areas on complete portion of landfill that have been settled shall be graded. Ensure adequate daily soil cover is applied on compact refuse. No activity should taken place at the nonactive areas.

INSPECTED BY: // DATE: 1/19/9.0

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Charles a Costalle

cc: Louis Novak
South Whitehall Township

WEATHER: Cloudy 34°F

February 28, 1980

## NOVAK SANITARY LANDFILL REPORT January 1980

PUBLIC ROADS: L.R. 39042 contains a few small areas of mud on it. But; it is basically in good condition.

ACCESS ROADS: Access road somewhat dry and stable. Stockpiled bricks and stones have been placed on top of road for about 200 feet. Access road leading to the demolition area also been upgraded. Some other Access roads are snow covered and not in use.

DISPOSAL AREAS: Most of the areas are snow covered. Operations are only taken place in the existing trench.

Disposal operations are proceeding down the ramp from the West to the East. Again; adequate soil cover shall be insured. Some small portions on the West side of the main access road have been over filled with refuse but they will be upgraded according with designed elevations.



RDG. REGIONAL OFFICE

GENERAL APPEARANCE: Overall appearance of the landfill is covered by snow. Not much can be observed during the inspection. There are some evidents of litter in the treelines to the East of the trench.

Also some refuse containers on and around Station 3 + 50 s, and 15 + 00 w they should be removed in a orderly manner.

VEGETATED AREAS: No blowing litter observed. Good disposal control has reduced the litter problems to a minimum.

VECTOR & No rodents observed on site.

INCINERATION: No smouldering or burning of refuse on site.

OKIGINAL (Red)



RDG. REGIONAL OFFICE DEPT, OF ENV. RES.

#### NOVAK SANITARY LANDFILL REPORT

COMMENTS:

Good control about blowing refuse. But; be sure no activity, or any dumping operations should be taken place at the non-active areas. Also operators should keep in mind the 15 foot strip of undesturbed soil between all trenches.

INSPECTED BY: (Monglonglan DATE: Feb. 28, 1980)

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: C. O. Costo

cc:

RECEIVED

MAR 1 3 1980

RDG. REGIONAL OFFICE DEPT. OF ENV. RES.

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

ΕN	ITIFICATION NUMBER (1-	7) - La	INSPECTION DATE (9-14)	INSPECTORS SOC. SEC.	NO.	(16-	2
/	60534	in the second	5/21/80	184-50-210	06	,	1
	E OF DISPOSAL FACILITY		FACILITY ADDRESS				-
U	OUAK SAN	ITARY LINDTILL	ROT ALL	N TOWN		•	, 7
IN	ICIPALITY	in the second of	COUNTY				
U	TH WAITE AND	e Twf.	LET-16H	الأعاد والإسامية المساومة والمساومة		-	
		, ADDRESS, AND TELEPHONE NUMBER)	.1 4		,		-
2	uis J. Nou	AK IR. ROF/	MILLENTOWN	215-395-62	51	,	
.IL	Y VOLUME RECEIVED	ANNUAL REPORT REC	N-Control of the Control of the Cont	S PER WEEK			
_	LACT NOT GO		OPER	14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16		٠.	
		1 - Compliance, 2 - Non-Complian	ce, 3 - Not applicable				
	CHAPTER CITATION	and the second s			-1	2	
	75.21(m)(3)	Suitable barrier blocks access to site when a	attendant is not present.		1		t
	75.21(s)	25' setback line buffer zone present			17	_	r
-	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for n	ninimizing fire hazard	<del></del>	Ż	-	r
-	75.21(q)	Approved operational safety program being	utilized		V		ľ
	75.21(p)	Effective vector control program utilized at bird, mosquito, rodent, fly	site where needed. Circle vector p	rogram required:	/		
-	75.21(m)(2)	Hours of operation prominently posted	<u> 1900 - Arian II. Ar</u>	<del></del>	1		r
-	75.21(k)	Telephone or other communications availab	le	<del></del>	7		r
-	75.21(o)(1)	Salvaging occurs in accordance with regulati	ions			7	ľ
	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method	of measurement provided		1		
	76.24(c)(2)(xxi), 75.37(j) & 75.38 11(8)(viii)	Final minimum uniform two foot layer of c	compacted cover material placed on	surface of final lift		/	
	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at	the site	Change till	1		
	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as ap	proved by Department			1	
	76.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material		5	1		
•	75.24(c)(2)(v) & 75.38  1(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded c	ollection vehicles		1		
•	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 H(8)(viii)	Stopes, benching and terracing in accord with	- ·	### B		1	
•	75.24(c)(2)(xvi), 75.37(k) & 75.38 4(8)(ii)	Fire breaks	<del>reneralis de la composition de la comp</del> La composition de la composition della comp		1		
		L		20000		<u> </u>	ــا

ER-SWM-1A:5/79

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		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION		T,	Τ,	T
	CHAPTER CITATION		<del>-   -</del>	┝	╀
42 42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 (1(6)	Gas management			
43	. 75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met		/	1
14	75.24(c)(2)(xi), 75.37(k) & 75.38 11(8)(ii)	Approved cover material being utilized	1		Ī
- 5 _	75.24(c)(2)(x)	Approved subbase being utilized			I
16	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	1		
7	75.25(h)	Lined site, under drains operable			Ī
8	75.25(i)	Are liners in place and covered with protective earth	T.		Į
 9	75.25(o)(3)	Lined site, daily record of leachate flow maintained	T	Г	1
)	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	T	Г	
1 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	1		
2 _	75.26(b), 75.37(k)(2), (3), 75.38 11(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	1		1
3	75.26(q)	At lined sites, is all waste deposited on lined areas		Г	1
4	75.26(f)	Regulation ban on open burning adhered to	1	Γ	1
5	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled		1	
6	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		1	
7	- 75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			I
::::• B _	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	1	V	
9	75.26(d) & 75.38 11(8)(iv)	Unloading area restricted to proximity of the working face	1		
ο -	75.26(i)	Working face area confined to size suitable for daily cover/compaction	マ		
- 1 -	75.26(q), 75.37(k), (s) & 75.38 (l(8)(x)	Operation in accordance with approved plans		>	
2	75.26(g), (h) & 75.38 11(8)(vi)	Dust controlled at site	1		
- 3	75.26(j), (k)	Blowing litter controlled	1		ı
 4	75.26(c)	Provision for standby equipment available when needed	V		
. : :5	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		Ž	
5 _ 8	Chapter 101(9)(e)(2)	Is bonding status correct			

LIGHT RAIN, TIM DOS

#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

INSPECTION REPORT

SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES	-
33. SALUAGING SHOULD ORCLE COMMENTS:  IN ONE PONTINES AREA AND FORM NO. 10, 11, & 12	
RE MUNDUETTS IN AN ORDING MANNEZ. DISPOSAL FACILITY 100534	-
35. ADDITIONAL LINAL COVER SHOULD BE NOVAK SANITARY LANDY	<u></u>
PLACED AND GRATAD ACCORDING TO PLANS DATE 5/21/20	
ON EASTERN AND WESTERN SECTIONS.	7 77
37. FINAL SLOPE'S ON EAST AND WEST SCETIONS MUST RE MADE TO	
1100 TORM TO APPRIVED PLANSIA DE LA MILLE	
40. SLOPE'S , BENCHE: AND TORRACTS OF CAST WIST AND SCUTE FLET.	
40. SLOPES, BENCHE: AND TEXAPLES OF EAST WIST AND SCUTH FLETI MUST BE MADE TO WATERN TO AFFEOURS PLANS.	, ,
43. QUARTERLY GROUND WATER MONTHERING EXPORTS HAVE NOT EVEN S	
The state of the s	E
55. BULKY WASTE'S MUST BE INNTROCUED IN A MORE ONDING MANNUE	٠ مو
Sh. ADDITIONAL TAILY MOUTH MUST BE TLACED ON SOUTHERN SLET	_
XI ADDITIONAL TO THE PARTY OF T	٠.
SI ADDITIONAL INTERMEDIATE TEUEN IS REQUIRED EXTREME CITYS	
ENT POLITICOFT ANCE WITH AFFEND FUNE	
ROAD REDUITES MORE WORK (MOVE GRADE)	
65, A SUITABLE UFGETATIVE ROUTH IS FLOURED ON THE	-
CAST AND WIST SECTIONS	
THE OUTH ALL LAND TILL HAS SHOWN AN INFRIGURAT MINT	-
THE LAST INSPIRETION.	
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### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-	7)				RS SOC. SEC. NO. (18– 50 – 2/06			
	ME OF DISPOSAL FACILITY		LANDTILL	<del></del>	ALLENTOWN	•			
200	NICIPALITY  OF THE WATER HAD  CILITY PROPRIETOR (NAME		TELEPHONE NUMBER)	COUNTY LETHICH					
DAI	LY VOLUME RECEIVED		ANNUAL REPORT REC	ALLENTOUN	215- 395 DAYS PER WEEK OPERATED 575	•		-	
<u>_</u>			pliance, 2 - Non-Complian	ce, 3 – Not applicable	.· <u> </u>				
	CHAPTER CITATION					,	2	3	
26	75.21(m)(3)	Suitable barrier	blocks access to site when a	ttendant is not present.	**			T	
27	75.21(s)	25' setback line	buffer zone present					T	
28	75.21(1)(1), (2), (3)	Adequate fire e	quipment or procedure for n	ninimizing fire hazard				Τ	
29	75.21(q)	Approved opera	tional safety program being	utilized		/	$\mathbf{L}$	Ž	
30	75.21(p)	Effective vector bird, mosquito,	control program utilized at rodent, fly	site where needed. Circle v	ector program required:	/	T		
31	75.21(m)(2)	Hours of operat	ion prominently posted					T	
.a. 32	75.21(k)	Talaphone or of	ther communications available	le		/		T	
¥ 33	75.21(o)(1)	Salvaging occurs	in accordance with regulation	ons .		/		П	
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational reco	ords maintained and method	of measurement provided		<b>V</b>			
35	75.24(c)(2)(xxi), 75.37(j) a	Final minimum	uniform two foot layer of c	ompacted cover material pla	ced on surface of final li	ft	1.		
	75.24(c)(2)(1), 75.37(e) & 75.38 II(8)(viii)	Surface water m	nanagement administered at t	the site			Y		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes wit	hin 1 to 15 percent or as ap	proved by Department			1	<u>'</u>	
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material	being utilized	6	eaght V	,		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access road	s are negotiable by loaded co	ollection vehicles		1	1		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Slopes, benching	g and terracing in accord wit	th regulations	1077.1401		V		
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 +K8)(ii)	Fire breaks				1			
		<del></del>			<b>200</b> 32	रव			

ER-SWM-1A:5/79

## MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	·	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION		1.	2	
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met		V	
44	75.24(c)(2)(xi), 75.37(k). & 75.38 II(8)(ii)	Approved cover material being utilized	/	,	
45	75.24(c)(2)(x)	Approved subbase being utilized	V		I
46	75.24(c)(2)(xvi), 75.37(k) & 75.38 (1(8)(iv)	Proper barriers being maintained	1		
47	75.25(h)	Lined site, under drains operable	7		Ī
48	75.25(i)	Are liners in place and covered with protective earth	$\mathbf{I}_{-}$		I
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	$\mathbf{I}$		J
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	T		
51	75.26(o), 75.37(g), 75.38 11(8)(viii)	Erosion controlled on site, diversion ditches as required		V	
) 52	75.26(b), 75.37(k)(2), (3), 75.38 H(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	/		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			
54	75.26(f)	Regulation ban on open burning adhered to	7		I
<b>6</b> 5	75,26(d) & 75,38 II(8)(vi)	Bulky waste properly controlled Andreas	V		
<b>5</b> 6	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		<b>√</b> .	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	$\mathbf{J}_{-}$		I
<b>58</b>	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		<b>V</b>	
<b>5</b> 9	75.26(d) & 75.38 (1(8)(iv)	Unloading area restricted to proximity of the working face	V		
<b>6</b> 0	<b>75.26(i)</b>	Working face area confined to size suitable for daily cover/compaction	~		Ì
61	75.26(q), 75.37(k), (s) & 75.38 H(8)(x)	Operation in accordance with approved plans		<b>~</b>	
62	75.26(g), (h) & 75.38 (1(8)(vi)	Dust controlled at site	1		
63	75.26(j), (k)	Blowing litter controlled	V		I
64	75.26(c)	Provision for standby equipment available when needed	V		I
3	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	1		
À	Chapter 101(9)(e)(2)	Is bonding status correct			ſ

ER -SWM-18,28,38 WEATHER: SONDY, WARM COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES LIBAT, PRIZE **BUREAU OF SOLID WASTE MANAGEMENT** INSPECTION REPORT 35. ADDITIONAL FINAL SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES COULD IS FRAUERED ON FORM NO. 10, 11, & 12 EAST AND WEST SIZTHUS. DISPOSAL FACILITY 100534 36. DIUTESION DITCHES PRE REQUIRED NOVAL SANITARY (MADZIC ON SOLTH WIST SICTION. DATE 6/5/80 37. FINAL SCOPES ON EAST AND WIST SIZTIONS SHOULD BE MADE TO NONTERM TO AFFRINGS PLANS 40, STOPES ON MAST AND WHST SECTIONS SHOULD BE MADE TO TENTORAL TO APPROUND PLANS. 43. BULLETURY CROUND WATER NUNITORING REPORT BEEN RECIPITO (IN MAIL) SI. DIVERSION DITERES ARE REQUIRED ON SOUTH WEST SECTION. 56. DAILY COUER RIQUIRES ON SOUTH LAST SLETION. 58, INTRAGIATE MOVEN IT REQUIRED ON ENST AND SOUTHERST OPERATION NOT IN ACCORDANCE WITZ AFFORD PLANS. COUER, SLOPES, ROAD ABOUT GRADE) 65. UEGETATIVE COUR SHOULD BE ESTABLISHED ON WEST, EXST AND CENTRAL SECTIONS.

THERE HAS BEEN AN INFROMMENT IN THE CITUS

Department of Environmental Resources Representative

Louis Illaire

ER-SWM-1:5/79

### JOMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-	7)	e y transcription from the comment of the comment o	INSPECTION DATE (9-	-14) INSPECTORS SOC. SEC.	NO.	(16-	-24
100 5 34				6/16/80	184-50-	2/6	15	• . * !
				FACILITY ADDRESS				
	NOUAK SA	SITARY	GANDFILL	Ret	/ ALLINTOWA	<b>V</b>	· Same	
MU	NICIPALITY	<del></del>		COUNTY	<del>.</del>			7
4.2	OUTH WAITE	HALL TU	wP.	LEHIGH				
FAC	CILITY PROPRIETOR (NAME			- /				
L	ours J. N.	WAK SK	Rut/	ALLESTIN	U 215-395-6	25	-,	÷
DAI	LY VOLUME RECEIVED	<del></del>	ANNUAL REPORT RECE		DAYS PER WEEK			
	100 1/0		V15		OPERATED <-5			
		1 - Com	pliance, 2 - Non-Complianc	e, 3 — Not applicable				
	CHAPTER CITATION		The second secon			1	2	3
26	75.21(m)(3)	Suitable barrier	blocks access to site when at	tendant is not present.		17		
27	75.21(s)	25' setback line	buffer zone present		· · · · · · · · · · · · · · · · · · ·	7		
28	75.21(1)(1), (2), (3)	Adequate fire ed	quipment or procedure for m	inimizing fire hazard		17	-	
, ,	75.21(q)	Approved opera	tional safety program being u	ıtilized		フ		
30	75.21(p)	Effective vector bird, mosquito,	control program utilized at a rodent, fly	ite where needed. Circle	vector program required:	1		
31	75.21(m)(2)	Hours of operat	ion prominently posted		·	フ		<del>                                     </del>
<b>.</b> -32	75.21(k)	Telephone or ot	her communications available	3		1		
33	75.21(0)(1)	Salvaging occurs	In accordance with regulation	ens ·		7		
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational reco	ords maintained and method	of measurement provided		1		
35	. 76.24(c)(2)(xxi), 75.37(j) . & 76.38 II(8)(viii)	Final minimum	uniform two foot layer of co	ompacted cover material pl	aced on surface of final lift		1	
36	75.24(c)(2)(i), 75.37(e) &	Surface water m	anagement administered at t	he site			1	
<b>37</b>	75.24(c)(2)(ii), (iii), & ,75.37(d)(1), (2)	Final slopes wit	hin 1 to 15 percent or as app	proved by Department			1	=
	75.24(c)(2)(xi) & 75.38   (8)(viii)	Adequate source	and type of cover material	being utilized	ORIGINA	V		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access road	s are negotiable by loaded co	llection vehicles	DIED! AT	1		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Stopes, benching	and terracing in accord with	regulations	683252		1	
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 H(8)(ii)	Fire breaks		-	200392	V		

## DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	SITES, FLYASH SI FORM NO. 10	
1 — Compliance,	2 — Non-Compliance,	3 - Not applicable

	· · · · · · · · · · · · · · · · · · ·	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	<del>سندي</del> س	_	سود
	CHAPTER CITATION		1	2	
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management			
43	75.24(b)(4)(i), 75.37(k)(6). 	Ground water monitoring requirements being met	1		
44	75,24(c)(2)(xi), 75,37(k). & 75,38 (1(8)(ii)	Approved cover material being utilized	1		
45	75.24(c)(2)(x)	Approved subbase being utilized	V		
46	75,24(c)(2)(xvi), 75.37(k) & 75.38   1(8)(iv)	Proper barriers being maintained	1		
47	75.25(h)	Lined site, under drains operable	oxdot		I
48 _	75.25(i)	Are liners in place and covered with protective earth			Ŀ
49 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained	L		L
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		Ŀ	•
51	75.26(o), 75.37(g), 75.38 11(8)(viii)	Erosion controlled on site, diversion ditches as required		V	
52 <u>-</u>	75.26(b), 75.37(k)(2), (3), 75.38 (1(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	J		
53	75.26(q)	At lined sites, is all waste deposited on lined areas			Ŀ
54	75.26(f)	Regulation ban on open burning adhered to	V		
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	1		
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		1	
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval			٠
58	.75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		V	
	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	1		
60	4.75.26(i)	Working face area confined to size suitable for daily cover/compaction	1		Г
61	75.26(q), 75.37(k), (s) & 275.38 11(8)(x)	Operation in accordance with approved plans		J	Γ
62	75.26(g), (h) & 75.38 (1(8)(vi)	Dust controlled at site	1		ſ
63	75.26(j), (k)	Blowing litter controlled	V		Γ
64	75.26(c)	Provision for standby equipment available when needed	V		Γ
- 65	75.26(o), (p), 75.37(j), 75.38 (1(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	·	7	ſ
~ _	Chapter 101(9)(e)(2)	Is bonding status correct		_\	-

WEATHIR : SOMMY, WIRM DEPARTMENT OF ENVIRONMENTAL RESOURCES LIGHT BRUZE **BUREAU OF SOLID WASTE MANAGEMENT** 

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES 35. ADDITIONAL TWAL DEMOLITION SITES, FLYASH SITES, SLAG SITES

COULD MUST BE PLACES FORM NO. 10, 11, & 12

ON EAST AND WEST CONTRAR SERTIONS. DISPOSAL FACILITY 100534

36. DIVERSION DITCHES REQUIRED SOUTH CONTRAL SCRIUN, CHILLES DATE

NOUNA SANIMA LAND

PRISENT ON TERRACE.

37. FINAL SCOPES MUST BE MADE TO NONTORM TO APPROVED MANS ON GAST AUS WEST SCETINGS.

40. Stopes MUST BE MADE TO CONFORM TO APPROJES PLANS ON EMST AND WEST SCATELINS

51. DIVENSION DITCHIS REQUIRES OF SOUTH CENTRAL TENRACE GULLIES PROTENT.

J. ADDITIONAL DAILY DOUGH IS REQUIRES CLWMAL SILTIONS

58, ONE FOOT OF INTURMEDIATE COVER IS REQUIRIN

DN ALL ARMS NOT TOBE USED IN IMMIDIATE LUTURE BUT WILL STILL REBUIR - ASSITINAL

WASTES TO BRING UP TO GRADE.

I. NOT A OPERATED IN ACCORDANCE WITH APPROVED

PLANS (COURL, RUAS ABOUT GRADE, UIGETATIVE GROWN)

65. ULBETATIVE GROWTH MUST BE I-STABLISHED UN COMPLETED AREMS.

THERE HAS BEEN A SLOGIA IMPROUINININTHED OULK THE PRIVIOUS INSPECTION.

Late: June 19, 1980

(1)

MAY 1980 Inspection

#### NOVAK SANITARY LANDFILL REPORT

PUBLIC ROADS: L.R. 39043 and T-593 clean.

ACCESS ROADS:

Access roads dry and in good condition. Access roads consist basically of old shingles, crushed stone and rock, making them passable by trucks under their own power, even under the most adverse conditions.

DISPOSAL AREAS: All disposal areas dry and generally in good condition. Continue to make sure soil is applied over the refuse to minimize flies and other vectors. Operator plans to operate towards the South - Southeast until grades are met and final cover. Observed conpactor passing over refuse. Refuse is well mixed with soil and conpacted. No blowing litter.

-- 10039Aa

TRENCH:

Soil being removed from trench in East part of the landfill and being used to cover compacted refuse. Trench dry. East wall nearly vertical but appears stable.

FENCES:

Fences are in good condition. As mentioned before, no blowing litter was observed.

VEGETATED AREAS: All trees and brush around perimeter clean.

<u>VECTOR & INCINERATION:</u>

No smouldering or burning of refuse observed. No rodents observed on site. Monthly exterminator hired for vermin control.

#### NOVAK

#### SANITARY LANDFILL REPORT

COMMENTS:

Complete area type landfill before working in trench. Maintain good soil cover over refuse.

INSPECTED BY: Huyennhuton DATE: JUNE 19, 1980

C. A. COSTELLO ENGINEERING COMPANY Allentown, PA 18102

ATTEST: Chale O Colle

cc: Louis Novak
South Whitehall Township Manager
Carl F. Gitschier

ER-SWM-1:5/79

### DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDENTI	FICATION NUMBER (1-	7)	INSPECTION DATE (9-14)	INSPECTO	RS SOC. SEC. NO	D. (1	 16–;	
1	00534		6/26/80	184-	50-210			
NAME (	OF DISPOSAL FACILITY		FACILITY ADDRESS		,	<u> </u>		7.
	YOUAK S	ANTTARY LANDTO	11 RD#1	ALLEN	TOWN			
MUNICI	IPALITY		COUNTY					
*Sö	UTH WHITE	THALL TEUP,	th 16k			والعداد	 	
FACILI'	and an internal control of the control	, ADDRESS, AND TELEPHONE NUMBER)						
	115 J. No				345-62	ς.	<u>_</u>	
	-/25	ANNUAL REPORT RECE		PERATED				
		1 - Compliance, 2 - Non-Compliance	ce, 3 - Not applicable					_
C	HAPTER CITATION	And the second s	egister i Mercure de la companya de Mangana de la companya de la company			•	2	3
26 7	5.21(m)(3)	Suitable barrier blocks access to site when at	ttendant is not present.		L	刀		
	5.21(s)	25' setback line buffer zone present	. T. 			1		
28 7	5.21(1)(1), (2), (3)	Adequate fire equipment or procedure for m	ninimizing fire hazard		ı	7		
j	5.21(q)	Approved operational safety program being u	utilized			4		
<b>7</b> ! <b>3</b> 0	5.21(p)	Effective vector control program utilized at a bird, mosquito, rodent, fly	site where needed. Circle vecto	r program require	d:	1		I
	5.21(m)(2)	Hours of operation prominently posted			- li	才	ヿ	
	5.21(k)	Telephone or other communications available	2			オ		_
33 4 7	5.21(o)(1)	Salvaging occurs in accordance with regulation	מחכ		ł	1		
7	5.21(r)(1), (2), (3), (4), 6.24(e)(2)(vii)(viii)	Operational records maintained and method	of measurement provided			7		
7	5.24(c)(2)(xx1), 75.37(j) ; 75.38 11(8)(viii)	Final minimum uniform two foot layer of co	ompacted cover material placed	on surface of fin	el lift		7	
7	5.24(c)(2)(i), 75.37(e) & 5.38 (1(8)(viii)	Surface water management administered at the	he site	**************************************			~	
7.7	5.24(c)(2)(ii), (iii), & 5.37(d)(1), (2)	Final slopes within 1 to 15 percent or as app	proved by Department				~	ěi
7	5.24(c)(2)(xi) & 5.38 H(B)(viii)	Adequate source and type of cover material	being utilized			1		
38 <u>7</u> 7 39	5.24(c)(2)(v) & 5.38   (8)(ii)(iv)(vi)	Site access roads are negotiable by loaded co	ollection vehicles	White Ships		1		
7	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 11(8)(viii)	Stopes, benching and terracing in accord with	h regulations				V	· · .
7	5.24(c)(2)(xvi), 75.37(k) 2 75.38 H(8)(ii)	Fire breaks		1225V		1		
· · · · · · · · · · · · · · · · · · ·			2000年的 2	Santa v.	20039	7		

## JMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable		
	CHAPTER CITATION		1	2
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		
43 ±	75.24(b)(4)(i), 75.37(k)(6), R 75.38 II(8)(i)	Ground water monitoring requirements being met	1	
44	-75,24(c)(2)(xi), 75,37(k). & 75,38 II(8)(ii)	Approved cover material being utilized	1	
45 _	75.24(c)(2)(x)	Approved subbase being utilized	V	
46 _	75,24(c)(2)(xvi), 75,37(k) & 75,38   (8)(iv)	Proper barriers being maintained	1	
47 _	75.25(h)	Lined site, under drains operable		
48 _	75.25(i)	Are liners in place and covered with protective earth		
49 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained		
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required		V
52 _	75.26(b), 75.37(k)(2), (3), 75.38 (1(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	J	\
53 _	75.26(q)	At lined sites, is all waste deposited on lined areas		
54	75.26(f)	Regulation ban on open burning adhered to	1	
5 <b>5</b>	75,26(d) & 75,38 (1(8)(vi)	Bulky waste properly controlled	1	
58 -	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day		V
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval		
58	√75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts		V
	75.26(d) & 75.38 (1(8)(iv)	Unloading area restricted to proximity of the working face	<b>N</b>	
	· 75.26(i)	Working face area confined to size suitable for daily cover/compaction	<	
81 _	75.26(q), 75.37(k), (s) & -75.38 II(8)(x)	Operation in accordance with approved plans		V
62 _	75.26(g), (h) & 75.38 ii(8)(vi)	Dust controlled at site	1	
63 _	75.26(j), (k)	Blowing litter controlled	区	
64	75.26(c)	Provision for standby equipment available when needed	7	
65	75.26(o), (p), 75.37(j), 75.38 H(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	·	V
66 68	Chapter 101(9)(e)(2)	Is bonding status correct	<del>                                     </del>	<u> </u>

WLATHER: HOT, HUMITS,

### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

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INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES
DEMOLITION SITES, FLYASH SITES, SLAG SITES

THE WHEEF	CAND LILL	COMMENTS: FORM NO. 10, 11, & 12

OVER THE PREVIOUS VISIT OF 6/16/40.

DISPOSAL FACILITY 100534

NOVAK SAVITARY [MANYILL

ADDITIONAL MOVIR ITAS BEEN ABOOD AND

WORK MAS BEEN BONE IN CLOSIONAL ARMS.

REMINDER: ANNUAL GROUDS WARE REPORT DUE JULY !

35. ADDITIONAL FINAL MOUIN 15 REQUIRED ON MISTERN MED WESTERN

36. ADDITIONAL WORK IS REDURED ON SOUTHERN TEXPALE, GULLIES

37. SCOPES MUST BE MADE TO PONTERM TO APPROUTS PLANS

40. SICHES ONEAST + WIST SIETIONS MUST BE MADE TO MORTERA

51. ASSITIONAL WORL IS REQUIRED ON SCUTTION THRRNCE, GUILLIE

SEABOITIONAL DAILY WOIL IS REQUIRED ON SOUTHERN SECTION.

58 INTERMEDIATE COUR IS REQUIRED UN SOUTHEN SECTION

ROAD ABOUT GRADE).

GS: VIGITATIVE COULD MUST BE ISTABLISHED ON COMPLETED MEINS

SALUNGED MATURIAL SHOULD BE HAULED AWAY FECTORE

Double Sic Juna 6/26/00

Department of Environmental Resources Representative

Truis 7/1/00all

ER-SWM-1:5/79

## OMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	DENTIFICATION NUMBER (1-7)			INSPECTION DATE (9-14) INSPECTORS SOC. SEC			EC. NO.	. NO. (16-24)				
	100534			7/16/80 184-50-21								
	ME OF DISPOSAL FACILITY		/	FACILITY ADDRESS	_			-,				
	COUAK SAM	MARIL	ANDTILL	RDAI	A	LL NTOWN		ره ديد. 	1			
MU	NICIPALITY	•		COUNTY					·.			
~Sc	WIN-WHIN-14	ice Twp.		LIMBA					<u>.</u>			
FAC	CILITY PROPRIETOR (NAME	, ADDRESS, AND						- 1	•			
1	0415 J. No.	UAK SR	RD#/	ALLINTOWN	21	5-395-62	5-1	ر هر پولومود د	Š.			
DAI	LY VOLUME RECEIVED		ANNUAL REPORT RECE	IVED		PER WEEK						
	100 T/2		115		OPER	ATED STS	•					
	- 447	1 — Com	pliance, 2 — Non-Complianc	e, 3 - Not applicable								
	CHAPTER CTATION						_ 1	2	3			
- 26	75.21(m)(3)	Suitable barrier	blocks access to site when at	ttendant is not present.			1					
27	75.21(s)	25' setback line	buffer zone present				V		Г			
28	75.21(1)(1), (2), (3)	Adequate fire ed	uipment or procedure for m	inimizing fire hazard			1	`				
29	75.21(q)	Approved opera	tional safety program being u	utilized			/	,	$\overline{}$			
30	75.21 (p)	Effective vector bird, mosquito,	control program utilized at s rodent, fly	site where needed. Circle	vector pr	ogram required:						
31	75.21(m)(2)	Hours of operati	on prominently posted	<del></del>			フ					
¥533	.:.75.21(k)	Telephone or ot	her communications available	9								
	75.21(o)(1)	Salvaging occurs	in accordance with regulation	ons			. /					
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational reco	rds maintained and method	of measurement provided								
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum	uniform two foot layer of co	ompacted cover material p	laced on	surface of final lift		/				
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water m	anagement administered at t	he site			1					
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes with	nin 1 to 15 percent or as app	proved by Department	·			<b>~</b>	•			
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material	being utilized		Onne.	· V					
39	75,24(c)(2)(v) & 75,38 H(8)(ii)(iv)(vi)	Site access road	s are negotiable by loaded co	ollection vehicles		Vice,	/					
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	and terracing in accord with	h regulations			0		·< ご			
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 H(8)(ii)	Fire breaks			· ·		1					
	200400											

#### MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable **CHAPTER CITATION** 75.24(c)(2)(xxiv), 75.37(k) Gas management & 75.38 11(6) المراجعية , 75.24(b)(4)(i), 75.37(k)(6). Ground water monitoring requirements being met & 75.38 II(8)(i) 43 75.24(c)(2)(xi), 75.37(k). Approved cover material being utilized & 75.38 11(8)(ii) 44 Approved subbase being utilized 75.24(c)(2)(x) 45 75.24(c)(2)(xvi), 75.37(k) Proper barriers being maintained & 75.38 II(8)(iv) 46 75.25(h) Lined site, under drains operable 47 75.25(i) Are liners in place and covered with protective earth 48 75.25(o)(3) Lined site, daily record of leachate flow maintained 49 75.26(a) & 75.37(g) Leachate treatment facilities being operated properly 75.26(o), 75.37(g), 75.38 ((8)(viii) Erosion controlled on site, diversion ditches as required 51 75.26(b), 75.37(k)(2), (3), 75.38 H(8)(ii) Solid waste spread and compacted in layers not exceeding two feet deep 52 75.26(q) At lined sites, is all waste deposited on lined areas **E3** 75.26(f) Regulation ban on open burning adhered to **E4** 75.26(d) & 75.38 II(8)(vi) Bulky waste properly controlled 75.26(1) & 75.38 (1(8)(vii) Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end No. of each working day 56 **67** \* 4, ,,, . 75.26(s) Hazardous wastes & sludges stored and/or disposed with written Departmental approval 75.26(n) Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts 58 ₹ 75.26(d) & 75.38 II(8)(iv) Unloading area restricted to proximity of the working face 59 <u>;</u> 60 Working face area confined to size suitable for daily cover/compaction 75.26(i) 75.26(q), 75.37(k), (s) & 75.38 11(8)(x) Operation in accordance with approved plans **3.)** 61 75.26(g), (h) & Dust controlled at site 75.38 II(8)(vi) 62 d 75.26(j), (k) Blowing litter controlled 63 75.26(c) Provision for standby equipment available when needed 75.26(o), (p), 75.37(j), 75.38 II(8)(ix) Has vegetative growth been established to prevent soil erosion on disturbed areas Chapter 101(9)(e)(2) Is bonding status correct

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WLATTICK : HOT HUMIS DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT** 

Fy. +12/ LIGHT BALLED

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES

35. FINAL COVER MATTRIAL FORM NO. 10, 11, & 12

MUST BE PLACES ON COMPLETED ARING DISPOSAL FACILITY 100534 WISTORN AND LAST CONTRACT

37. FINAL SCOPES MUST BE BRUGHT UP TO GRADES IN APPROUNT PLANS (WESTERN AND MET ("WORAL).

56. DAILY MOVED IS REQUIRED IN SOUTH CONTRAL HRITE

58. INTERMEDIATION OF COUTER IS REQUIRED ON MILES NOT OURRENTLY IN USE BUT WILL STILL REQUIRE
ADDITIONAL WASTES (SOUTHER SIETION)

61 NET IN OPERATION WITH APPROVED PLANS. (POUGR, RIND ABOUT ERADE SCOPES)

65. ULGETATIVE COUR MIST BE L'SMASLISHED ON COMPLETED AREAS.

PACILITY OPEN AND RICELLUING WASTES AT TIME of INSPECTION, ALL ARINS OPERATIONS (CEMO, CAROBEAR), HOUSTINE WHOLE FACILITY HAS SHOWN AND IMPRIVINGENT OUL PREVIOUS INSPIRETION. ARIMS SHOWING SIGNS of EXCSIONAL PROBLEMS MUST BE TENDES TO.

200402

Department of Environmental

CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFF