

RECEIVED  
OCT 21 1983  
Region III Headquarters

MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL LABORATORY  
INORGANIC CONTAMINANTS UNIT

LOG #: 2904

*GENESEE Co.*

LOG # 2904    SAMPLE LOCATION    LINDEN RD. LANDFILL    MATRIX WATER  
SEND RESULTS TO    D. CUMMINS GWQD    RECEIVED 83-09-22  
PROJECT CODE    GC    GROUND WATER COMPLIANCE  
LAB # 32553    TO 63    11    SAMPLES    PRIORITY II  
COMMENTS

2904

## MICHIGAN DEPT OF NATURAL RESOURCES

--- ENVIRONMENTAL LABORATORY

## INORGANIC UNIT

EXAMINER..... *Nordlund*

LOG NO: 2904

LAB #	PARAMETER	CODE	RESULTS	UNITS	ANALYSIS	MATRIX	RUN #
32553	CALCIUM		3.5	MG / L	TOTAL	WATER	17000
32553	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32553	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32553	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32553	IRON		170.0	UG / L	TOTAL	WATER	00193
32553	POTASSIUM		3.3	MG / L	TOTAL	WATER	17000
32553	MAGNESIUM		1.9	MG / L	TOTAL	WATER	17000
32553	SODIUM		51.3	MG / L	TOTAL	WATER	17000
32553	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32553	LEAD	K	50.0	UG / L	TOTAL	WATER	00193
32553	ZINC		8000.0	UG / L	TOTAL	WATER	00193
----- 32553 -----							
32554	CALCIUM		34.6	MG / L	TOTAL	WATER	17000
32554	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32554	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32554	COPPER		30.0	UG / L	TOTAL	WATER	00193
32554	IRON		4900.0	UG / L	TOTAL	WATER	00193
32554	POTASSIUM		3.7	MG / L	TOTAL	WATER	17000
32554	MAGNESIUM		73.0	MG / L	TOTAL	WATER	17000
32554	SODIUM		52.9	MG / L	TOTAL	WATER	17000
32554	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32554	LEAD		210.0	UG / L	TOTAL	WATER	00193
32554	ZINC		51000.0	UG / L	TOTAL	WATER	00193
----- 32554 -----							
32555	CALCIUM		7.6	MG / L	TOTAL	WATER	17000
32555	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32555	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32555	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32555	IRON		565.0	UG / L	TOTAL	WATER	00193
32555	POTASSIUM		7.6	MG / L	TOTAL	WATER	17000
32555	MAGNESIUM		4.0	MG / L	TOTAL	WATER	17000
32555	SODIUM		78.0	MG / L	TOTAL	WATER	17000
32555	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32555	LEAD		75.0	UG / L	TOTAL	WATER	00193
32555	ZINC		19000.0	UG / L	TOTAL	WATER	00193
----- 32555 -----							
32556	CALCIUM		11.7	MG / L	TOTAL	WATER	17000
32556	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32556	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32556	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32556	IRON		695.0	UG / L	TOTAL	WATER	00193
32556	POTASSIUM		3.9	MG / L	TOTAL	WATER	17000

## MICHIGAN DEPT OF NATURAL RESOURCES

--- ENVIRONMENTAL LABORATORY

## INORGANIC UNIT

EXAMINER.....BN

LOG NO: 2904

LAB #	PARAMETER	CODE	RESULTS	UNITS	ANALYSIS	MATRIX	RUN #
32556	MAGNESIUM		43.0	MG / L	TOTAL	WATER	17000
32556	SODIUM		21.7	MG / L	TOTAL	WATER	17000
32556	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32556	LEAD		130.0	UG / L	TOTAL	WATER	00193
32556	ZINC		20000.0	UG / L	TOTAL	WATER	00193
----- 32556 -----							
32557	CALCIUM		10.4	MG / L	TOTAL	WATER	17000
32557	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32557	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32557	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32557	IRON		160.0	UG / L	TOTAL	WATER	00193
32557	POTASSIUM		8.8	MG / L	TOTAL	WATER	17000
32557	MAGNESIUM		39.0	MG / L	TOTAL	WATER	17000
32557	SODIUM		50.6	MG / L	TOTAL	WATER	17000
32557	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32557	LEAD	K	50.0	UG / L	TOTAL	WATER	00193
32557	ZINC		6250.0	UG / L	TOTAL	WATER	00193
----- 32557 -----							
32558	CALCIUM		138.0	MG / L	TOTAL	WATER	17000
32558	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32558	CHROMIUM		60.0	UG / L	TOTAL	WATER	00193
32558	COPPER		60.0	UG / L	TOTAL	WATER	00193
32558	IRON		41000.0	UG / L	TOTAL	WATER	00193
32558	POTASSIUM		2.1	MG / L	TOTAL	WATER	17000
32558	MAGNESIUM		65.0	MG / L	TOTAL	WATER	17000
32558	SODIUM		30.6	MG / L	TOTAL	WATER	17000
32558	NICKEL		50.0	UG / L	TOTAL	WATER	00193
32558	LEAD		280.0	UG / L	TOTAL	WATER	00193
32558	ZINC		49000.0	UG / L	TOTAL	WATER	00193
----- 32558 -----							
32559	CALCIUM		2.9	MG / L	TOTAL	WATER	17000
32559	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32559	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32559	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32559	IRON	K	100.0	UG / L	TOTAL	WATER	00193
32559	POTASSIUM		2.7	MG / L	TOTAL	WATER	17000
32559	MAGNESIUM	K	1.0	MG / L	TOTAL	WATER	17000
32559	SODIUM		40.3	MG / L	TOTAL	WATER	17000
32559	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32559	LEAD		110.0	UG / L	TOTAL	WATER	00193
32559	ZINC		8150.0	UG / L	TOTAL	WATER	00193

## MICHIGAN DEPT OF NATURAL RESOURCES

--- ENVIRONMENTAL LABORATORY

## INORGANIC UNIT

EXAMINER..... *BN*

LOG NO: 2904

LAB #	PARAMETER	CODE	RESULTS	UNITS	ANALYSIS	MATRIX	RUN #
----- 32559 -----							
32560	CALCIUM		8.3	MG / L	TOTAL	WATER	17000
32560	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32560	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32560	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32560	IRON		1130.0	UG / L	TOTAL	WATER	00193
32560	POTASSIUM		4.0	MG / L	TOTAL	WATER	17000
32560	MAGNESIUM		7.3	MG / L	TOTAL	WATER	17000
32560	SODIUM		58.6	MG / L	TOTAL	WATER	17000
32560	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32560	LEAD		110.0	UG / L	TOTAL	WATER	00193
32560	ZINC		14000.0	UG / L	TOTAL	WATER	00193
----- 32560 -----							
32561	CALCIUM		8.1	MG / L	TOTAL	WATER	17000
32561	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32561	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32561	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32561	IRON		110.0	UG / L	TOTAL	WATER	00193
32561	POTASSIUM		6.9	MG / L	TOTAL	WATER	17000
32561	MAGNESIUM		34.9	MG / L	TOTAL	WATER	17000
32561	SODIUM		47.7	MG / L	TOTAL	WATER	17000
32561	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32561	LEAD		120.0	UG / L	TOTAL	WATER	00193
32561	ZINC		4800.0	UG / L	TOTAL	WATER	00193
----- 32561 -----							
32562	CALCIUM		5.9	MG / L	TOTAL	WATER	17000
32562	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32562	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193
32562	COPPER	K	20.0	UG / L	TOTAL	WATER	00193
32562	IRON		110.0	UG / L	TOTAL	WATER	00193
32562	POTASSIUM		10.6	MG / L	TOTAL	WATER	17000
32562	MAGNESIUM		11.1	MG / L	TOTAL	WATER	17000
32562	SODIUM		50.2	MG / L	TOTAL	WATER	17000
32562	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32562	LEAD		75.0	UG / L	TOTAL	WATER	00193
32562	ZINC		6300.0	UG / L	TOTAL	WATER	00193
----- 32562 -----							
32563	CALCIUM		14.3	MG / L	TOTAL	WATER	17000
32563	CADMIUM	K	20.0	UG / L	TOTAL	WATER	00193
32563	CHROMIUM	K	50.0	UG / L	TOTAL	WATER	00193

INORGANIC UNIT

EXAMINER..... *PA*

LOG NO: 2904

LAB #	PARAMETER	CODE	RESULTS	UNITS	ANALYSIS	MATRIX	RUN #
32563	COPPER		25.0	UG / L	TOTAL	WATER	00193
32563	IRON		1850.0	UG / L	TOTAL	WATER	00193
32563	POTASSIUM		4.1	MG / L	TOTAL	WATER	17000
32563	MAGNESIUM		14.3	MG / L	TOTAL	WATER	17000
32563	SODIUM		56.8	MG / L	TOTAL	WATER	17000
32563	NICKEL	K	50.0	UG / L	TOTAL	WATER	00193
32563	LEAD		65.0	UG / L	TOTAL	WATER	00193
32563	ZINC		11000.0	UG / L	TOTAL	WATER	00193

32563

2904

LAB LOG# 2904 PROJ GC COST CENTER 90476 PR Mixed LOCATION Linden Rd LF Genesee Co

COLLECTED BY M. Valacak TRANSFERRED TO Sherman REC'D AT LAB DATE 09/22/83 1710 AM

SAMPLE REMARKS PO 102 Collected w/ Heek Pump SEND RESULTS TO D.O. Cummins Region III Groundwater

Supernatant Analyzed

LAB USE	FIELD ID OR DESCRIPTION	SAMPLE INFORMATION	YY/MM/DD	HH:MM
32553	01! TW-1D		83/09/21	
32554	02! TW-1S		"	
32555	03! TW-2D		"	
32556	04! TW-2S		"	
32557	05! TW-3D		"	
32558	06! TW-3S	Bottles 1/2 full	"	
32559	07! TW-4D		"	
32560	08! TW-5D		"	
32561	09! TW-6D		"	
32562	10! TW-7		"	

ORGANIC CONTAMINANTS

POI	CONTAMINANT	A	1	2	3	4	5	6	7	8	9	10
#1	HALOCARBONS	A	1	2	3	4	5	6	7	8	9	10
#2	AROMATIC HYDROCAR.	A	1	2	3	4	5	6	7	8	9	10
#3	CHLOR HYDROCARBON	A	1	2	3	4	5	6	7	8	9	10
#4	PCB & OC PEST	A	1	2	3	4	5	6	7	8	9	10
#5	BROM HYDROCARBONS	A	1	2	3	4	5	6	7	8	9	10
#6	PHTHALATES	A	1	2	3	4	5	6	7	8	9	10
#7	PNA	A	1	2	3	4	5	6	7	8	9	10
#9	AROMATIC AMINES	A	1	2	3	4	5	6	7	8	9	10
#8	PHENOLS	A	1	2	3	4	5	6	7	8	9	10
OIL & GREASE-IR	A	1	2	3	4	5	6	7	8	9	10	
OIL & GREASE-GRAV	A	1	2	3	4	5	6	7	8	9	10	

ENVIRONMENTAL QUALITY

DO	PARAMETER	A	1	2	3	4	5	6	7	8	9	10
#1	DISSOLVED OXYGEN	A	1	2	3	4	5	6	7	8	9	10
#2	PH, CONDUCTANCE	A	1	2	3	4	5	6	7	8	9	10
#3	ORTHO-P, NO2-, SI	A	1	2	3	4	5	6	7	8	9	10
#4	DIS O-P, NO2-, SI	A	1	2	3	4	5	6	7	8	9	10
#5	CR6+	A	1	2	3	4	5	6	7	8	9	10
#6	FLUORIDE	A	1	2	3	4	5	6	7	8	9	10
#7	CL, SO4, TOT ALK	A	1	2	3	4	5	6	7	8	9	10
#8	HCO3-, CO3=	A	1	2	3	4	5	6	7	8	9	10
#9	COD	A	1	2	3	4	5	6	7	8	9	10
#10	TOC	A	1	2	3	4	5	6	7	8	9	10
#11	NO3+NO2, NH3	A	1	2	3	4	5	6	7	8	9	10
#12	KJELDAHL N, TOT P	A	1	2	3	4	5	6	7	8	9	10
#13	PHENOLICS	A	1	2	3	4	5	6	7	8	9	10
#14	PHENOLICS (DECHLO)	A	1	2	3	4	5	6	7	8	9	10
#15	TOTAL CYANIDE	A	1	2	3	4	5	6	7	8	9	10
#16	FREE CYANIDE	A	1	2	3	4	5	6	7	8	9	10
#17	SULFIDE	A	1	2	3	4	5	6	7	8	9	10

INORGANIC CONTAMINANTS

MT	PARAMETER	A	1	2	3	4	5	6	7	8	9	10
#1	HARDNESS	A	1	2	3	4	5	6	7	8	9	10
#2	CA MG NA K	A	1	2	3	4	5	6	7	8	9	10
#3	CD CR CU NI PB ZN	A	1	2	3	4	5	6	7	8	9	10
#4	HG MERCURY	A	1	2	3	4	5	6	7	8	9	10
#5	AS ARSENIC	A	1	2	3	4	5	6	7	8	9	10
#6	SE SELENIUM	A	1	2	3	4	5	6	7	8	9	10
#7	SB ANTIMONY	A	1	2	3	4	5	6	7	8	9	10
OTHERS (CIRCLE)												
#8	AG AL BA CO FE	A	1	2	3	4	5	6	7	8	9	10
#9	LI MN MO TI V	A	1	2	3	4	5	6	7	8	9	10
#10	FURNACE- CD	A	1	2	3	4	5	6	7	8	9	10
#11	CR CU NI PB	A	1	2	3	4	5	6	7	8	9	10
#12	LAB FILTRATION	A	1	2	3	4	5	6	7	8	9	10
#13	BRINE- CL	A	1	2	3	4	5	6	7	8	9	10
#14	SO4 BR	A	1	2	3	4	5	6	7	8	9	10
#15	ALK	A	1	2	3	4	5	6	7	8	9	10
#16	HCO3-, CO3=	A	1	2	3	4	5	6	7	8	9	10

PHYSICAL & BIOLOGICAL

PS	PARAMETER	A	1	2	3	4	5	6	7	8	9	10
#1	RES-NF (SS)	A	1	2	3	4	5	6	7	8	9	10
#2	RES-TF (TDS)	A	1	2	3	4	5	6	7	8	9	10
#3	RES-SET (SET-SOL)	A	1	2	3	4	5	6	7	8	9	10
#4	TS (SS+DS)	A	1	2	3	4	5	6	7	8	9	10
#5	BOD TOTAL-5 DAY	A	1	2	3	4	5	6	7	8	9	10
#6	BOD CARB-5 DAY	A	1	2	3	4	5	6	7	8	9	10
#7	BOD CARB-20 DAY	A	1	2	3	4	5	6	7	8	9	10
#8	CHLOROPHYLL A	A	1	2	3	4	5	6	7	8	9	10
#9	PHEOPHYTIN A	A	1	2	3	4	5	6	7	8	9	10
#10	FECAL COLI	A	1	2	3	4	5	6	7	8	9	10
#11	TOTAL COLI	A	1	2	3	4	5	6	7	8	9	10
#12	FECAL STREP	A	1	2	3	4	5	6	7	8	9	10

MATRIX=WATER  
 LAB LOG# 2504 PROJ GC COST CENTER 90476 PR Mixed LOCATION Linden P L F Genesee Co

COLLECTED BY M. Valacsek TRANSFERED TO Sherma REC'D AT LAB DATE 09/22/83 1710 AM

SAMPLE REMARKS PO-192 collected w/ Keck Pump SEND RESULTS TO D.O. Cummins Region III Groundwater

Supernatant Analyzed

LAB USE	FIELD ID OR DESCRIPTION	SAMPLE INFORMATION	YY/MM/DD	HH:MM
32563	!01! TW-8D		83/09/21	
	!02!		"	
	!03!		"	
	!04!			
	!05!			
	!06!			
	!07!			
	!08!			
	!09!			
	!10!			

ORGANIC CONTAMINANTS

*P01 #1 HALOCARBONS.....A	1	2	3	4	5	6	7	8	9	10	
*P02 #2 AROMATIC HYDROCAR.....A	1	2	3	4	5	6	7	8	9	10	
*OBN #3 CHLOR HYDROCARBON.....A	1	2	3	4	5	6	7	8	9	10	
#4 PCB & OC PEST.....A	1	2	3	4	5	6	7	8	9	10	
#5 BROM HYDROCARBONS.....A	1	2	3	4	5	6	7	8	9	10	
#6 PHTHALATES.....A	1	2	3	4	5	6	7	8	9	10	
#7 PNA.....A	1	2	3	4	5	6	7	8	9	10	
#9 AROMATIC AMINES.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
	A	1	2	3	4	5	6	7	8	9	10
*OA* #8 PHENOLS.....A	1	2	3	4	5	6	7	8	9	10	
*OG* OIL & GREASE-IR.....A	1	2	3	4	5	6	7	8	9	10	
OIL & GREASE-GRAV.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10

ENVIRONMENTAL QUALITY

*DO* DISSOLVED OXYGEN.....A	1	2	3	4	5	6	7	8	9	10	
*EN* PH, CONDUCTANCE.....A	1	2	3	4	5	6	7	8	9	10	
ORTHO-P, NO2-, SI.....A	1	2	3	4	5	6	7	8	9	10	
DIS O-P, NO2-, SI.....A	1	2	3	4	5	6	7	8	9	10	
CR6+.....A	1	2	3	4	5	6	7	8	9	10	
FLUORIDE.....A	1	2	3	4	5	6	7	8	9	10	
CL, SO4, TOT ALK.....A	1	2	3	4	5	6	7	8	9	10	
HCO3-, CO3=.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
*EA* COD.....A	1	2	3	4	5	6	7	8	9	10	
TOC.....A	1	2	3	4	5	6	7	8	9	10	
NO3+NO2, NH3.....A	1	2	3	4	5	6	7	8	9	10	
KJELDAHL N, TOT P.....A	1	2	3	4	5	6	7	8	9	10	
PHENOLICS.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
*EP* PHENOLICS (DECHLO).....A	1	2	3	4	5	6	7	8	9	10	
*EB* TOTAL CYANIDE.....A	1	2	3	4	5	6	7	8	9	10	
FREE CYANIDE.....A	1	2	3	4	5	6	7	8	9	10	
*S* SULFIDE.....A	1	2	3	4	5	6	7	8	9	10	

INORGANIC CONTAMINANTS

*HI* HARDNESS.....A	1	2	3	4	5	6	7	8	9	10	
*MI* CA MG NA K.....A	1	2	3	4	5	6	7	8	9	10	
CD CR CU NI PB ZN.....A	1	2	3	4	5	6	7	8	9	10	
HG MERCURY.....A	1	2	3	4	5	6	7	8	9	10	
AS ARSENIC.....A	1	2	3	4	5	6	7	8	9	10	
SE SELENIUM.....A	1	2	3	4	5	6	7	8	9	10	
SB ANTIMONY.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
OTHERS (CIRCLE)											
AG AL BA CO FE.....A	1	2	3	4	5	6	7	8	9	10	
LI MN MO TI V.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
FURNACE- CD.....A	1	2	3	4	5	6	7	8	9	10	
" CR CU NI PB.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
LAB FILTRATION.....A	1	2	3	4	5	6	7	8	9	10	
*MB* BRINE- CL.....A	1	2	3	4	5	6	7	8	9	10	
" - SO4 BR.....A	1	2	3	4	5	6	7	8	9	10	
" - ALK.....A	1	2	3	4	5	6	7	8	9	10	
" - HCO3-, CO3=.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10

PHYSICAL & BIOLOGICAL

*PS* RES-NF (SS).....A	1	2	3	4	5	6	7	8	9	10	
RES-TF (TDS).....A	1	2	3	4	5	6	7	8	9	10	
RES-SET (SET-SOL).....A	1	2	3	4	5	6	7	8	9	10	
TS (SS+DS).....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
	A	1	2	3	4	5	6	7	8	9	10
	A	1	2	3	4	5	6	7	8	9	10
BOD TOTAL-5 DAY.....A	1	2	3	4	5	6	7	8	9	10	
BOD CARB-5 DAY.....A	1	2	3	4	5	6	7	8	9	10	
BOD CARB-20 DAY.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10
*CA* CHLOROPHYLL A.....A	1	2	3	4	5	6	7	8	9	10	
PHEOPHYTIN A.....A	1	2	3	4	5	6	7	8	9	10	
*BC* FECAL COLI.....A	1	2	3	4	5	6	7	8	9	10	
TOTAL COLI.....A	1	2	3	4	5	6	7	8	9	10	
FECAL STREP.....A	1	2	3	4	5	6	7	8	9	10	
	A	1	2	3	4	5	6	7	8	9	10

MICHIGAN DEPT. OF NATURAL RESOURCES, ENVIRONMENTAL LABORATORY ANALYSIS -- ORGANIC - SCANS - GENERAL USAGE

LAB LOG# 2904 PROJ COST FR COLLECTED TRANSFERED RECEIVED EXAMINER  
 CODE CENTER BY TO AT LAB

LOCATION SAMPLE SEND RESULTS TO  
 SAMPLER REMARKS (NAME & SECTION)

<-----'DO NOT PUNCH'----->

FIELD ID.	DESCRIPTION OF SAMPLING SITE OR SAMPLE	REF NO.	STORET NUMBER	START DATE	TIME MIL	S. T OR B	NUM SAM- PLES	END DATE	TIME MIL	DEP- TH FEET	LAB NO.	FE-OIL IR MG/L	FE-OIL GRAV MG/L	AROMAT AMINES UG/L
											P00008	00560	00556	
		C01									32553			
		C02									54			
		C03									55			
		C04									56			
		C05									57			
		C06									58			
		C07									59			
		C08									60			
		C09									61			
		C10									62			
											63			

REF NO.	SCAN 1 PURGBL HALOCB UG/L	SCAN 2 PURGBL AROMAT UG/L	SCAN 3 CHLORI HYDROC UG/L	SCAN 4 POLYCH O PEST UG/L	SCAN 5 BROMIN HYDRO UG/L	SCAN 6 PHTHAL P PEST UG/L	SCAN 7 POLYNU AROMAT UG/L	SCAN 8 PHENOL S UG/L
01	U(K1)	U(K2)						
02								
03								
04								
05								
06								
07								
08								
09								
10								

\* SEE SCAN LIST FOR SPECIFIC COMPOUNDS INCLUDED IN EACH SCAN

MICHIGAN DEPT. OF NATURAL RESOURCES; ENVIRONMENTAL LABORATORY ANALYSIS -- ENVIRONMENTAL QUALITY -- WATER -- GENERAL USAGE

OCT 10 1983

LAB LOG# 2904 PROJ COST PR COLLECTED TRANSFERED RECEIVED EXAMINER  
CODE CENTER BY TO AT LAB

LOCATION SAMPLE SEND RESULTS TO  
SAMPLED Linden Rd, Landfill Genesee Co. REMARKS (NAME & SECTION) D O Cummins (SW)

DO NOT PUNCH		REF NO.	STORET NUMBER	START DATE	TIME	DEP-TH	LAB NO.	FIELD pH	LAB pH	LAB COND.	LAB OXYGEN	LAB DIS.	C.O.D. LOW	T.O.C.	PHENOL T. REC	CN TOTAL
FIELD ID.	DESCRIPTION OF SAMPLING SITE OR SAMPLE			YYMMDD	HHMM	FEET	1 P00008	00400	00403	00095	00300	00335	00680	00680	32730	00720
		I01					32553	D						9.2	10	
		I02					32554	D						6.7	3	
		I03					32555	D						7.3	4	
		I04					32556	D						4.1	36	
		I05					32557	D						2.4	16	
		I06					32558	D						3.9	4	
		I07					32559	D						1.5	K2	
		I08					32560	D						1.7	3	
		I09					32561	D						2.2	2	
		I10					32562	D						3.3	3	

REF NO.	NO3 TOTAL	NO2 TOTAL	NH3 TOTAL	ORG N TOTAL	KJEL N TOTAL	ORTH.P TOTAL	PHOS. TOTAL	CR6+ TOTAL	CL TOTAL	S= TOTAL	S04= TOTAL	ALK. TOTAL	BICARB HCO3-	CARB. CO3=
	MG/L N	MG/L N	MG/L N	MG/L N	MG/L N	MG/L P	MG/L P	UG/L	MG/L	MG/L S	MG/L	MG/L	MG/L	MG/L
	00630	00620	00615	00610	00605	00625	70507	00665	01032	00940	00745	00945	00410	00440
1		C			C				3.0		2.8	120	22	61
02		C			C				9.3		21.	196	168	35
03		C			C				4.9		21.	169	52	76
04		C			C				4.1		23	225	210	32
05		C			C				4.3		27.	270	171	78
06		C			C				100.		26.	177	215	0
07		C			C				1.4		K1	94	12	50
08		C			C				3.1		18	143	65	54
09		C			C				6.8		30.	225	139	66
10		C			C				1.8		3.8	172	105	52

MICHIGAN DEPT. OF NATURAL RESOURCES, ENVIRONMENTAL LABORATORY ANALYSIS --- ENVIRONMENTAL QUALITY -- WATER -- GENERAL USAGE

OCT 10 1985

LAB LOG# 2904 cont PROJ COST PR COLLECTED TRANSFERED RECEIVED EXAMINER  
CODE CENTER BY TO AT LAB

LOCATION SAMPLED Linden Road Land Fill, Genesee Co SAMPLE REMARKS SEND RESULTS TO DO Cummins, GWR  
(NAME & SECTION)

← DO NOT PUNCH →		REF NO.	STORE NUMBER	START DATE YYMMDD	TIME MIL HHMM	DEPTH TH FEET	LAB NO. 1 P00008	FIELD pH S.U. 00400	LAB pH S.U. 00403	LAB COND. US/CM 00095	OXYGEN DIS. MG/L 00300	C.O.D. LOW MG/L 00335	T.O.C. MG/L 00680	PHENOL T. REC UG/L 32730	CN TOTAL MG/L 00720
FIELD ID.	DESCRIPTION OF SAMPLING SITE OR SAMPLE	I01					32563	D					3.1	A2	
		I02						D							
		I03						D							
		I04						D							
		I05						D							
		I06						D							
		I07						D							
		I08						D							
		I09						D							
		I10						D							

REF NO.	NO3 TOTAL MG/L N 00630	NO2 TOTAL MG/L N 00620	NO3 TOTAL MG/L N 00615	NO2 TOTAL MG/L N 00610	NH3 TOTAL MG/L N 00605	ORG N TOTAL MG/L N 00625	KJEL N TOTAL MG/L N 70507	ORTH.P TOTAL MG/L P 00665	PHOS. TOTAL MG/L P 01032	CR6+ TOTAL UG/L 00940	CL TOTAL MG/L 00745	S= TOTAL MG/L S 00945	SO4= TOTAL MG/L 00410	ALK. TOTAL MG/L 00440	BICARB HCO3- MG/L 00445	CARB. CO3= MG/L
01		C			C						1.2		5.5	183	101	60
02		C			C											
03		C			C											
04		C			C											
05		C			C											
06		C			C											
07		C			C											
08		C			C											
09		C			C											
10		C			C											