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Memorandum

To:	Brianna Scharf, Project Manager New York State Department of Environmental Conservation
From:	Kevin D. Sullivan, P.E., Project Manager TRC Engineers, Inc.
Subject:	Katzman Recycling Site, Site No. 558035 Summary of Waste Characterization Sampling Program
Date:	February 19, 2025
CC:	Mike Cruden, Ben Rung (NYSDEC) Jim Magda, Dave Glass, Kevin Boger (TRC)
Project No.:	637451.0000.0000

The purpose of this memorandum is to summarize the waste characterization sampling program undertaken in support of the Katzman Recycling Site (Site) Remedial Action Contract (Contract No. D013322).

TRC, upon request from the New York State Department of Environmental Conservation (NYSDEC), prepared a scope of work for excavation of test pits and collection of soil samples from the area proposed for excavation under the Remedial Action Contract. The scope of work was transmitted to NYSDEC via email dated December 13, 2024. NYSDEC subsequently issued a call-out contract to Labella Associates (LaBella) of Ballston Spa, New York for excavation and community air monitoring services, and to Pace Analytical Services, LLC (Pace) for analytical laboratory services. TRC was responsible for coordination between LaBella and Pace for their respective services, and to provide full-time on-Site inspection services, document test pit excavations, and collect samples in support of the program. **Figure 1** illustrates the location of each test pit, and summary tables for the composite sample analyses are included in **Attachment 1**.

The field work associated with the waste characterization sampling program was completed on January 6 and 7, 2025 and is described below. The Waste Characterization Sampling Program is not intended to delineate the extent of hazardous waste or satisfy the waste characterization requirements of the Remedial Contractor proposed disposal facilities. The purpose of the program is primarily intended to provide additional information to bidders to support disposal facility selection and bid preparation.

Test Pit Excavation and Soil Sample Collection

Test pit excavation and soil sampling activities included the following:

- A total of 24 test pits, designated as KTZ-TP-101 through KTZ-TP-124, were excavated at the locations shown in **Figure 1**.
- Test pit excavations were approximately 2 feet in width, 6 feet in length, and were advanced in 2-foot lifts, similar to the lift-by-lift strategy proposed for the Remedial Action excavation.
- Test pits were excavated using a CAT mini-Excavator to depths of between 4 and 6 feet below ground surface (ft bgs).
- Soil and debris from each 2-foot interval and from each test pit were separately staged on polyethylene sheeting allowing inspection by TRC
- TRC visually inspected and screened excavated soil and debris, including inspecting for suspect asbestos-containing material (ACM). It should be noted that no suspected ACM was identified. Test pit logs containing notable observations and measurements made by TRC are included as **Attachment 2.** The following activities were performed for each lift and each test pit:
    - Screening and inspection of test pit excavated material and open excavations using a photoionization detector (PID), recording the type and size of debris present, if any, indications of contamination (e.g., staining, odors, etc.), if any, and a description of excavated soil and debris using the Burmeister method, or the Unified Soil Classification System (USCS).
    - Photographing of each of the 4 sides and the bottom of the open excavation, as well as each of the excavated soil and debris piles. A photographic log of test pit excavation activities is found in **Attachment 3.**

  - At each test pit location, sample aliquots for compositing were collected from each 2-foot depth interval (representative of material from 0-2 ft bgs, 2-4 ft bgs, and 4-6 ft bgs). Sample aliquots were placed in 1-gallon zip lock bags for temporary storage until compositing (refer to next section).
- Upon completion of each test pit, and when directed by TRC, LaBella replaced the excavated material back into the excavation, placing the material at the same approximate depth from which it was excavated. Light compaction was accomplished using the excavator bucket.
- After backfilling was completed, LaBella hammered a wooden stake into the center of the location of each test pit; Test pit identification was added to each stake by TRC.
- Between excavations, LaBella decontaminated the excavator bucket by removing all visible, loose soil and debris prior to moving to the next location. The decontaminated buckets were inspected by TRC personnel prior to mobilization to the next excavation.
- LaBella implemented a Community Air Monitoring Plan (CAMP) during ground intrusive activities in accordance with the New York State Department of Health (NYSDOH) generic CAMP. It should be noted that there were no measurements above the generic CAMP threshold values.

It should be noted that subsurface conditions were observed to be heterogeneous and the information presented in this memorandum is not intended to represent all conditions which will be encountered during excavation at the site.

<u>Test Pit Composite Sample Preparation</u>

- The general strategy for preparing composite samples was to blend material collected from similar PCB waste types (TSCA versus non-TSCA) and from similar elevations (mimicking the lift-by-lift excavation strategy). The soil compositing sample key is presented in **Attachment 4**, and summarized below:
  - TRC prepared a total of 20 composite samples using approximately 61 sample aliquots collected from the various test pit lifts.
  - Each composite sample was prepared from adjacent test pits (3 to 4 adjacent test pit locations), and from samples collected from the respective approximate elevation intervals.

- Composite samples were picked up from the Site and transported to the call-out laboratory by a laboratory-provided courier service.

Test Pit Composite Sample Analysis

- Environmental samples collected as part of this task were submitted to the NYSDEC call-out laboratory (Pace) for the following analyses:
  - Target Analyte List (TAL) Metals and Cyanide by USEPA Method 6010/7471.
  - TCLP RCRA Metals by USEPA SW-846 Methods 1311/6010D.
  - Dioxins and furans by USEPA Method 1613B and SW-846 Method 8290A.
  - Per- and polyfluoroalkyl substances (PFAS) by USEPA Method 1633.
  - 1,4-dioxane by USEPA Method SW-846 8270 SIM.
  - Corrosivity by USEPA Method SW-846 Chapter 7.
  - Ignitability by 40 CFR 261.21.
  - Cyanide and Sulfide Reactivity by USEPA Method SW-846 Chapter 7/9012A Mod/9034.
- Summary of analytical results for the test pit composite samples, excluding Dioxins and Furans, is included in **Attachment 1.** Analytical results for Dioxins and Furans, when they become available, will be tabulated and submitted in a supplemental memorandum.

Summary of Test Pit Composite Sample Results

The following summary is provided for the benefit of Bidders but is not intended to relieve Bidders of their responsibility to review all data and to complete all waste characterization required for material acceptance at the approved disposal facility(ies). Notable observations are listed below:

- The substance perfluorooctanesulfonic acid (PFOS) was detected in all samples: 8 samples were less than 1.0 ug/kg, 11 samples were between 1.0 ug/kg and 10.0 ug/kg, and there was one sample with 11 ug/kg PFOS. Perfluorooctanoic acid (PFOA) was detected in many of the samples (17 of 20 samples). However, none of the detections (PFOA or PFOS) exceeded the Commercial Use Guidance Values provided in the reference document “Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC’s Part 375 Remedial Program, April 2023”.

- 1,4-Dioxane was not detected in any of the samples.
- Various metals (total) were detected above the respective Commercial Use Soil Cleanup Objectives, including: Arsenic (9 of 20 samples), Barium (4 of 20 samples), Cadmium (12 of 20 samples), Copper (19 of 20 samples), Lead (15 of 20 samples), Mercury (1 of 20 samples), Nickel (3 of 20 samples), and Zinc (4 of 20 samples).
- Two metals were detected above the respective regulatory limits for hazardous waste: Cadmium (1 of 20 samples) and Lead (16 of 20 samples).

Reference Aerial Photographs

Aerial photographs depicting the Site conditions on April 26, 2024 (prior to the test pit excavation program) are included in **Attachment 5**.

Attachments

Figure 1	Test Pit Sample Location Map
Attachment 1	Analytical Results Summary – Test Pit Composite Samples
Attachment 2	Test Pit Excavation Logs
Attachment 3	Photographic Log
Attachment 4	Soil Composite Sample Key
Attachment 5	Reference Aerial Photographs

FIGURE

LEGEND

- PROPERTY BOUNDARY
- TAX PARCEL BOUNDARY
- TEST PIT
- GROUNDWATER MONITORING WELL

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.
2. TEST PITS WERE COMPLETED ON JANUARY 6 AND 7, 2025.
3. CONDITIONS SHOWN IN AERIAL IMAGE DO NOT REPRESENT EXISTING CONDITIONS.

BASE MAP: GOOGLE EARTH SERVICE LAYER DATED OCTOBER, 2022
DATA SOURCES: TRC

N

1:600
1" = 50'
0 25 50 FEET

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
KATZMAN RECYCLING - SITE NO. 558035
GRANVILLE, NEW YORK 12832

TITLE:
TEST PIT LOCATION MAP

DRAWN BY:	L. LILL	PROJ. NO.:	637451.0000.0000
CHECKED BY:	R. DEPOLO	**FIGURE 1**	
APPROVED BY:	J. KING		
DATE:	JANUARY 2025		

TRC

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FILE: 2025_Figures.aprx

Coordinate System: NAD 1983 StatePlane New York East FIPS 3101 Feet; Map Rotation: 0
-- Saved By: LLILL on 1/28/2025, 13:07:06 PM; File Path: T:\1-PROJECTS\NYSDEC\432260_KatzmanRecycling\2-APRX\2025_Figures\2025_Figures.aprx; Layout Name: Fig01_Test_Pit_Location_Map

ATTACHMENT 1
ANALYTICAL RESULTS SUMMARY –
TEST PIT COMPOSITE SAMPLES

Attachment 1
Analytical Results Summary - Test Pit Composite Samples
Katzman Recycling Site - Site No. 558035

Sample Location		25A0279-01	25A0279-02	25A0279-03	25A0279-04	25A0279-05	25A0279-06	25A0279-07	25A0279-08	25A0279-09	25A0279-10
Sample ID		KTZ-COMP 1	KTZ-COMP 2	KTZ-COMP 3	KTZ-COMP 4	KTZ-COMP 5	KTZ-COMP 6	KTZ-COMP 7	KTZ-COMP 8	KTZ-COMP 9	KTZ-COMP 10
Lab ID		25A0279-01	25A0279-02	25A0279-03	25A0279-04	25A0279-05	25A0279-06	25A0279-07	25A0279-08	25A0279-09	25A0279-10
Collection Date		07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	**Evaluation Criteria[1]**	**Results[2]**									
PFAS (ug/kg, ppb)											
Perfluorobutanoic acid (PFBA)	-	<0.27 U	<0.27 U	<0.27 U	0.86	1.7	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U
Perfluoropentanoic acid (PFPeA)	-	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U
Perfluorohexanoic acid (PFHxA)	-	0.089	<0.080 U	<0.080 U	<0.081 U	0.1	<0.081 U	0.11	<0.081 U	<0.081 U	<0.082 U
Perfluoroheptanoic acid (PFHpA)	-	0.096	<0.081 U	<0.081 U	<0.082 U	0.17	<0.082 U	0.16	<0.082 U	<0.082 U	<0.083 U
Perfluorooctanoic acid (PFOA)	500	0.58	0.13	0.32	0.17	0.57	0.37	0.56	0.37	0.24	0.16
Perfluorononanoic acid (PFNA)	-	0.15	<0.074 U	0.12	<0.075 U	0.13	0.17	0.11	0.12	<0.075 U	<0.075 U
Perfluorodecanoic acid (PFDA)	-	<0.062 U	<0.062 U	0.067	<0.062 U	0.45	0.11	<0.061 U	<0.062 U	<0.062 U	<0.063 U
Perfluoroundecanoic acid (PFUnA)	-	<0.082 U	<0.081 U	<0.081 U	<0.082 U	0.18	<0.081 U	<0.080 U	<0.082 U	<0.082 U	<0.083 U
Perfluorododecanoic acid (PFDoA)	-	<0.074 U	<0.073 U	<0.073 U	<0.074 U	0.27	<0.074 U	<0.073 U	<0.074 U	<0.074 U	<0.075 U
Perfluorotridecanoic acid (PFTrDA)	-	<0.063 U	<0.062 U	<0.062 U	<0.063 U	<0.062 U	<0.063 U	<0.062 U	<0.063 U	<0.063 U	<0.064 U
Perfluorotetradecanoic acid (PFTeDA)	-	<0.067 U	<0.066 U	<0.066 U	<0.067 U	0.12	<0.067 U	<0.066 U	<0.067 U	<0.067 U	<0.068 U
Perfluorobutanesulfonic acid (PFBS)	-	<0.063 U	<0.062 U	<0.062 U	<0.063 U	<0.063 U	<0.063 U	<0.062 U	<0.063 U	<0.063 U	<0.064 U
Perfluoropentanesulfonic acid (PFPeS)	-	<0.064 U	<0.063 U	<0.063 U	<0.064 U	<0.063 U	<0.064 U	<0.063 U	<0.064 U	<0.064 U	<0.064 U
Perfluorohexanesulfonic acid (PFHxS)	-	<0.074 U	<0.074 U	<0.074 U	0.11	<0.074 U	<0.074 U	<0.073 U	0.33	<0.074 U	<0.075 U
Perfluoroheptanesulfonic acid (PFHpS)	-	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U
Perfluorooctanesulfonic acid (PFOS)	440	6	1.1	1.8	0.78	1.4	3.2	2.2	11	1.1	0.94
Perfluorononanesulfonic acid (PFNS)	-	<0.049 U	<0.049 U	<0.049 U	<0.049 U	<0.049 U	<0.049 U	<0.049 U	<0.049 U	<0.049 U	<0.050 U
Perfluorodecanesulfonic acid (PFDS)	-	<0.064 U	<0.063 U	<0.063 U	<0.064 U	<0.064 U	<0.064 U	<0.063 U	<0.064 U	<0.064 U	<0.065 U
Perfluorododecanesulfonic acid (PFDoS)	-	<0.057 U	<0.057 U	<0.057 U	<0.057 U	<0.057 U	<0.057 U	<0.056 U	<0.057 U	<0.057 U	<0.058 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	-	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.30 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	-	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.29 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	-	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.37 U
Perfluorooctanesulfonamide (PFOSA)	-	<0.080 U	<0.080 U	<0.080 U	<0.081 U	<0.080 U	<0.080 U	<0.079 U	0.081 U	<0.081 U	<0.081 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	<0.055 U	<0.054 U	<0.054 U	<0.055 U	<0.055 U	<0.055 U	<0.054 U	<0.055 U	<0.055 U	<0.056 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	<0.089 U	<0.088 U	<0.088 U	<0.089 U	<0.088 U	<0.088 U	<0.087 U	<0.089 U	<0.089 U	<0.090 U
N-MeFOSAA (NMeFOSAA)	-	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.099 U	<0.10 U	<0.10 U	<0.10 U
N-EtFOSAA (NEtFOSAA)	-	<0.091 U	0.096 U	<0.090 U	<0.091 U	<0.090 U	<0.091 U	<0.090 U	<0.091 U	<0.091 U	<0.092 U
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	-	<0.64 U	<0.63 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U	<0.64 U	<0.65 U
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	-	<0.70 U	<0.70 U	<0.70 U	<0.70 U	<0.70 U	<0.70 U	<0.69 U	<0.70 U	<0.70 U	<0.71 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.34 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	-	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.32 U
9Cl-PF3ONS (F53B Minor)	-	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
11Cl-PF3OUdS (F53B Major)	-	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.27 U
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	-	<0.48 U	<0.48 U	<0.48 U	<0.49 U	<0.48 U	<0.48 U	<0.48 U	<0.49 U	<0.48 U	<0.49 U
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	-	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	-	<1.6 U	<1.5 U	<1.5 U	<1.6 U	<1.6 U	<1.6 U	<1.5 U	<1.6 U	<1.6 U	<1.6 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	<0.091 U	<0.090 U	<0.090 U	<0.091 U	<0.091 U	<0.091 U	<0.090 U	<0.091 U	<0.091 U	<0.092 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.25 U
1,4-Dioxane (mg/kg)	-	<0.049 U	<0.046 U	<0.047 U	<0.044 U	<0.045 U	<0.048 U	<0.047 U	<0.050 U	<0.046 U	<0.046 U

Attachment 1
Analytical Results Summary - Test Pit Composite Samples
Katzman Recycling Site - Site No. 558035

Sample Location		25A0279-01	25A0279-02	25A0279-03	25A0279-04	25A0279-05	25A0279-06	25A0279-07	25A0279-08	25A0279-09	25A0279-10
Sample ID		KTZ-COMP 1	KTZ-COMP 2	KTZ-COMP 3	KTZ-COMP 4	KTZ-COMP 5	KTZ-COMP 6	KTZ-COMP 7	KTZ-COMP 8	KTZ-COMP 9	KTZ-COMP 10
Lab ID		25A0279-01	25A0279-02	25A0279-03	25A0279-04	25A0279-05	25A0279-06	25A0279-07	25A0279-08	25A0279-09	25A0279-10
Collection Date		07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	**Evaluation Criteria[1]**	**Results[2]**									
Total Metals (mg/kg)											
Aluminum	-	75000	43000	35000	14000	34000	57000	90000	230000	14000	92000
Antimony	-	85	6.2	<0.48 U	<0.46 U	<0.50 U	40	24	56	<0.48 U	<0.43 U
Arsenic	16	16	**32**	16	**23**	**27**	15	**60**	**17**	14	**21**
Barium	400	400	**820**	180	**430**	270	290	**880**	**590**	270	400
Beryllium	590	0.64	0.37	0.63	0.4	0.41	0.88	0.64	1.3	0.34	0.44
Cadmium	9.3	**83**	**13**	8.1	9.2	**26**	**27**	**43**	**50**	4.6	**21**
Calcium	-	6800	20000	3600	5800	4700	5000	14000	12000	14000	2200
Chromium	400	96	47	49	28	61	67	120	250	24	320
Cobalt	-	8.9	11	12	9.9	13	10	9.1	11	9.9	12
Copper	270	**16000**	**3300**	**1300**	**1600**	**4300**	**9400**	**6100**	**16000**	**1200**	**2600**
Iron	-	54000	69000	42000	48000	71000	49000	69000	28000	54000	49000
Lead	1000	**3900**	**4200**	**1700**	**1700**	**2800**	**2000**	**5300**	**3100**	830	**1600**
Magnesium	-	4100	10000	9100	6600	7400	6400	13000	6500	7000	6200
Manganese	10000	1500	820	530	650	640	1200	840	1200	680	1500
Mercury	2.8	**1.8**	0.34	0.35	0.18	0.31	1.4	0.15	0.34	0.23	0.23
Nickel	210	110	63	58	36	67	72	120	**310**	43	120
Potassium	-	440	1200	1200	1200	890	770	850	420	920	710
Selenium	1500	<1.0 U	<0.81 U	<0.90 U	<0.86 U	<0.92 U	<0.88 U	<0.83 U	<1.0 U	<0.89 U	<0.81 U
Silver	1500	11	3.8	0.79	6.8	0.72	5.9	2.6	32	<0.22 U	2.4
Sodium	-	<60 U	82	59	68	77	65	89	140	<53 U	<48 U
Thallium	-	<0.64 U	<0.52 U	<0.58 U	<0.56 U	<0.59 U	<0.57 U	<0.53 U	<0.67 U	<0.57 U	<0.52 U
Vanadium	-	24	27	35	18	26	24	23	38	16	43
Zinc	10000	**22000**	1500	1300	1900	2700	6000	5900	**21000**	1000	3100
Cyanide	27	0.59	0.53	0.47	<0.39	0.56	<0.43	<0.43	<0.45	<0.43	<0.43
TCLP Metals (mg/l)											
Arsenic (TCLP)	5.0	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	0.023	<0.0050 U	<0.0050 U	<0.0050 U
Barium (TCLP)	100.0	7.4	4.8	2	2.6	1.9	4	4.2	6.5	2.8	2.4
Cadmium (TCLP)	1.0	0.42	0.22	0.15	0.11	0.26	0.41	0.2	0.38	0.072	0.18
Chromium (TCLP)	5.0	0.015	0.023	0.024	0.0058	0.013	0.074	0.054	0.18	0.0076	0.018
Lead (TCLP)	5.0	**31**	**23**	**9.8**	**6.2**	**46**	**46**	**22**	**34**	**49**	**24**
Mercury (TCLP)	0.2	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U	0.00032	0.0014	<0.00012 U	<0.00012 U
Selenium TCLP)	1.0	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U
Silver (TCLP)	5.0	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	0.021	<0.0044 U	<0.0044 U
Chemistry											
% Solids	-	80.6	85.4	82.7	88.8	87	82.4	83	78.6	84.8	84.5
pH, pH Units	-	7.7	7.7	7.8	7.5	7.9	7.7	7.5	7.9	8.2	7.4
Ignitability	-	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Notes:

[1] PFOA and PFAS - Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Program, April 2023, p. 3, Soil Sample Results
Total Metals - 6 NYCRR Part 375, Table 6.8b: Restricted Use Soil Cleanup Objectives (Commercial Use)
TCLP Metals - 40 CFR Part 261.24 Toxicity Characteristics, Table 1 - Maximum Concentrations of Contaminants for the Toxicity Characteristic

[2] Concentrations listed in **Bold** indicate an exceedance of the respective Evaluation Criteria

B - Analyte detected in associated method blank

D - Concentration is the result of a dilution

E - Concentration has exceeded the calibration range for that specific analysis

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm)

ug/kg - micrograms per kilogram (dry weight) or parts per billion (ppb)

NYSDEC - New York State Department of Environmental Conservation

PFAS - Per- and polyfluoroalkyl substances

Attachment 1
Analytical Results Summary - Test Pit Composite Samples
Katzman Recycling Site - Site No. 558035

Sample Location		25A0279-11	25A0279-12	25A0279-13	25A0279-14	25A0279-15	25A0279-16	25A0279-17	25A0279-18	25A0279-19	25A0279-20
Sample ID		KTZ-COMP 11	KTZ-COMP 12	KTZ-COMP 13	KTZ-COMP 14	KTZ-COMP 15	KTZ-COMP 16	KTZ-COMP 17	KTZ-COMP 18	KTZ-COMP 19	KTZ-COMP 20
Lab ID		25A0279-11	25A0279-12	25A0279-13	25A0279-14	25A0279-15	25A0279-16	25A0279-17	25A0279-18	25A0279-19	25A0279-20
Collection Date		07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	**Evaluation Criteria[1]**	**Results[2]**									
PFAS (ug/kg, ppb)											
Perfluorobutanoic acid (PFBA)	-	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U	<0.27 U
Perfluoropentanoic acid (PFPeA)	-	<0.12 U	<0.12 U	0.19	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	0.18
Perfluorohexanoic acid (PFHxA)	-	<0.081 U	<0.081 U	0.19	<0.080 U	<0.081 U	<0.079 U	<0.081 U	<0.081 U	<0.080 U	0.19
Perfluoroheptanoic acid (PFHpA)	-	<0.082 U	<0.082 U	0.15	<0.081 U	<0.082 U	<0.080 U	<0.082 U	<0.082 U	<0.081 U	0.15
Perfluorooctanoic acid (PFOA)	500	0.21	0.25	0.76	<0.068 U	0.17	<0.067 U	0.14	<0.068 U	0.072	0.97
Perfluorononanoic acid (PFNA)	-	0.084	0.11	0.16	<0.074 U	<0.075 U	<0.073 U	<0.075 U	<0.074 U	<0.074 U	0.11
Perfluorodecanoic acid (PFDA)	-	0.086	<0.063 U	0.23	<0.062 U	<0.063 U	<0.061 U	<0.062 U	<0.062 U	<0.062 U	0.067
Perfluoroundecanoic acid (PFUnA)	-	<0.082 U	<0.082 U	<0.082 U	<0.081 U	<0.082 U	<0.080 U	<0.082 U	<0.081 U	<0.081 U	<0.082 U
Perfluorododecanoic acid (PFDoA)	-	<0.074 U	<0.074 U	<0.074 U	<0.073 U	<0.074 U	<0.072 U	<0.074 U	<0.074 U	<0.073 U	<0.074 U
Perfluorotridecanoic acid (PFTrDA)	-	<0.063 U	<0.063 U	<0.063 U	<0.062 U	<0.063 U	<0.062 U	<0.063 U	<0.063 U	<0.062 U	<0.063 U
Perfluorotetradecanoic acid (PFTeDA)	-	<0.067 U	<0.067 U	<0.067 U	<0.066 U	<0.067 U	<0.066 U	<0.067 U	<0.067 U	<0.066 U	<0.067 U
Perfluorobutanesulfonic acid (PFBS)	-	<0.063 U	<0.063 U	<0.063 U	<0.062 U	<0.063 U	<0.062 U	<0.063 U	<0.063 U	<0.062 U	<0.063 U
Perfluoropentanesulfonic acid (PFPeS)	-	<0.064 U	<0.064 U	<0.064 U	<0.063 U	<0.064 U	<0.063 U	<0.064 U	<0.064 U	<0.063 U	<0.064 U
Perfluorohexanesulfonic acid (PFHxS)	-	<0.074 U	<0.075 U	0.29	<0.074 U	<0.075 U	<0.073 U	<0.075 U	<0.074 U	<0.074 U	0.41
Perfluoroheptanesulfonic acid (PFHpS)	-	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U
Perfluorooctanesulfonic acid (PFOS)	440	1.1	1.9	5.4	0.12	0.3	0.45	0.39	0.51	0.49	4
Perfluorononanesulfonic acid (PFNS)	-	<0.049 U	<0.050 U	<0.050 U	<0.049 U	<0.050 U	<0.048 U	<0.049 U	<0.049 U	<0.049 U	<0.050 U
Perfluorodecanesulfonic acid (PFDS)	-	<0.064 U	<0.064 U	<0.064 U	<0.063 U	<0.064 U	<0.063 U	<0.064 U	<0.064 U	<0.063 U	0.076
Perfluorododecanesulfonic acid (PFDoS)	-	<0.057 U	<0.057 U	<0.057 U	<0.056 U	<0.057 U	<0.056 U	<0.057 U	<0.057 U	<0.057 U	<0.057 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	-	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U	<0.29 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	-	<0.28 U	<0.29 U	<0.29 U	<0.28 U	<0.29 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U	<0.28 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	-	<0.36 U	<0.37 U	<0.37 U	<0.36 U	<0.37 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.37 U
Perfluorooctanesulfonamide (PFOSA)	-	<0.081 U	<0.081 U	0.096	<0.080 U	<0.081 U	<0.079 U	<0.081 U	<0.080 U	<0.080 U	<0.081 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-	<0.055 U	<0.055 U	<0.055 U	<0.054 U	<0.055 U	<0.054 U	<0.055 U	<0.055 U	<0.054 U	<0.055 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	-	<0.089 U	<0.089 U	<0.089 U	<0.088 U	<0.089 U	<0.087 U	<0.089 U	<0.088 U	<0.088 U	<0.089 U
N-MeFOSAA (NMeFOSAA)	-	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.099 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U
N-EtFOSAA (NEtFOSAA)	-	<0.091 U	<0.092 U	<0.092 U	<0.090 U	<0.092 U	<0.089 U	<0.091 U	<0.091 U	<0.090 U	<0.091 U
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	-	<0.64 U	<0.64 U	<0.64 U	<0.63 U	<0.64 U	<0.63 U	<0.64 U	<0.64 U	<0.63 U	<0.64 U
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	-	<0.70 U	<0.71 U	<0.71 U	<0.70 U	<0.71 U	<0.69 U	<0.70 U	<0.70 U	<0.70 U	<0.71 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	<0.33 U	<0.34 U	<0.34 U	<0.33 U	<0.34 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	-	<0.31 U	<0.32 U	<0.32 U	<0.31 U	<0.32 U	<0.31 U	<0.31 U	<0.31 U	<0.31 U	<0.32 U
9Cl-PF3ONS (F53B Minor)	-	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U
11Cl-PF3OUdS (F53B Major)	-	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U	<0.26 U
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	-	<0.48 U	<0.49 U	<0.49 U	<0.48 U	<0.49 U	<0.48 U	<0.49 U	<0.48 U	<0.48 U	<0.49 U
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	-	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	-	<1.6 U	<1.6 U	<1.6 U	<1.5 U	<1.6 U	<1.5 U	<1.6 U	<1.6 U	<1.5 U	<1.6 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	-	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	-	<0.091 U	<0.092 U	<0.092 U	<0.090 U	<0.092 U	<0.089 U	<0.091 U	<0.091 U	<0.090 U	<0.092 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	-	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	-	<0.24	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U
1,4-Dioxane (mg/kg)	-	<0.046 U	<0.049 U	<0.054 U	<0.048 U	<0.054 U	<0.047 U	<0.048 U	<0.051 U	<0.050 U	<0.052 U

Attachment 1
Analytical Results Summary - Test Pit Composite Samples
Katzman Recycling Site - Site No. 558035

Sample Location		25A0279-11	25A0279-12	25A0279-13	25A0279-14	25A0279-15	25A0279-16	25A0279-17	25A0279-18	25A0279-19	25A0279-20
Sample ID		KTZ-COMP 11	KTZ-COMP 12	KTZ-COMP 13	KTZ-COMP 14	KTZ-COMP 15	KTZ-COMP 16	KTZ-COMP 17	KTZ-COMP 18	KTZ-COMP 19	KTZ-COMP 20
Lab ID		25A0279-11	25A0279-12	25A0279-13	25A0279-14	25A0279-15	25A0279-16	25A0279-17	25A0279-18	25A0279-19	25A0279-20
Collection Date		07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25	07-Jan-25
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Analyte	**Evaluation Criteria[1]**	**Results[2]**									
Total Metals (mg/kg)											
Aluminum	-	17000	41000	220000	16000	270000	14000	40000	18000	24000	200000
Antimony	-	<0.47 U	37	<0.51 U	<0.50 U	38	<0.49 U	<0.52 U	<0.56 U	<0.48 U	22
Arsenic	16	**17**	11	**18**	9	**26**	7.2	11	11	9.7	16
Barium	400	210	320	200	95	370	180	250	180	64	210
Beryllium	590	0.4	0.4	0.5	0.4	0.91	0.33	0.33	0.41	0.32	0.53
Cadmium	9.3	**12**	**18**	**40**	<0.18 U	**52**	0.72	8.8	6.3	1.7	**49**
Calcium	-	5500	7500	5300	970	5700	3800	1900	2200	1300	6100
Chromium	400	33	43	230	15	220	15	37	19	46	200
Cobalt	-	11	7.4	9.8	14	6.9	10	7.9	12	10	14
Copper	270	**2600**	**15000**	**13000**	**690**	**42000**	210	**1900**	**1400**	**560**	**19000**
Iron	-	44000	33000	29000	38000	31000	28000	32000	40000	34000	28000
Lead	1000	**1800**	**2300**	**2000**	85	**3300**	140	**1200**	510	230	**2400**
Magnesium	-	5600	4700	9900	5700	7000	5100	4300	6000	4900	7600
Manganese	10000	590	460	1200	600	1100	330	410	560	460	1000
Mercury	2.8	0.36	0.28	0.23	0.05	0.078	0.11	0.044	0.12	0.088	0.46
Nickel	210	75	47	210	27	**310**	23	47	31	36	**250**
Potassium	-	940	680	410	950	660	650	580	1100	680	520
Selenium	1500	<0.87	<0.98 U	<0.95 U	<0.93 U	<1.0 U	<0.92 U	<0.96 U	<1.0 U	<0.89 U	<0.95 U
Silver	1500	0.58	11	18	<0.23 U	9.6	<0.23 U	0.44	<0.26 U	<0.22 U	160
Sodium	-	66	<59	110	<55	110	<55 U	<58 U	<63 U	<54 U	80
Thallium	-	<0.56	<0.63 U	<0.61 U	<0.60 U	<0.67 U	<0.59 U	<0.62 U	<0.67 U	<0.58 U	<0.61 U
Vanadium	-	18	22	46	14	38	13	16	17	15	34
Zinc	10000	10000	**11000**	10000	220	10000	250	1400	570	480	**12000**
Cyanide	27	<0.42 U	<0.46 U	<0.51 U	<0.46 U	<0.51 U	<0.43 U	<0.46 U	<0.48 U	<0.47 U	<0.49 U
TCLP Metals (mg/l)											
Arsenic (TCLP)	5.0	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U
Barium (TCLP)	100.0	0.82	3.5	3.4	1.4	3.7	0.88	2.4	1.5	1.5	2.2
Cadmium (TCLP)	1.0	0.027	0.15	0.19	0.023	0.14	0.011	0.089	0.096	**1.2**	0.1
Chromium (TCLP)	5.0	0.015	0.015	0.083	0.0083	0.019	<0.0053	0.011	0.0068	0.016	0.011
Lead (TCLP)	5.0	1.3	**17**	**15**	0.79	**43**	0.45	**8.1**	1.3	**5**	**13**
Mercury (TCLP)	0.2	<0.00012 U	<0.00012 U	0.00064	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U	<0.00012 U
Selenium TCLP)	1.0	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U	<0.0085 U
Silver (TCLP)	5.0	<0.0044 U	<0.0044 U	0.01	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U	<0.0044 U
Chemistry											
% Solids	-	86	80.8	73.4	81.5	72.3	82.7	82.2	77.5	78.9	75.7
pH, pH Units	-	7.3	7.3	7.8	7.4	7.5	7.7	7.2	7	7.1	7.9
Ignitability	-	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Notes:

[1] PFOA and PFAS - Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Program, April 2023, p. 3, Soil Sample Results
Total Metals - 6 NYCRR Part 375, Table 6.8b: Restricted Use Soil Cleanup Objectives (Commercial Use)
TCLP Metals - 40 CFR Part 261.24 Toxicity Characteristics, Table 1 - Maximum Concentrations of Contaminants for the Toxicity Characteristic

[2] Concentrations listed in **Bold** indicate an exceedance of the respective Evaluation Criteria

B - Analyte detected in associated method blank

D - Concentration is the result of a dilution

E - Concentration has exceeded the calibration range for that specific analysis

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm)

ug/kg - micrograms per kilogram (dry weight) or parts per billion (ppb)

NYSDEC - New York State Department of Environmental Conservation

PFAS - Per- and polyfluoroalkyl substances

ATTACHMENT 2
TEST PIT EXCAVATION LOGS

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-101 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 900 - 935
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 4 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 20 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-101 (0 - 2')	(0 - 3') Brown FILL (misc debris, scrap metal, some ash, car parts), some clayey silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 5.3 ppm
3 4	TP-101 (2 -4')	(3 - 4') Brown/grey CLAY, moist	Odor present Sample collected from 2 - 4 feet bgs PID: 4.9 ppm
5 6		**END OF TEST PIT** **4 FEET BGS**	
7 8			
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (NORTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-102 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2026 945 - 955
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 4 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 22 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-102 (0 - 2')	(0 - 3') Black/brown FILL (misc. debris, spark plugs, rubber, scrap metal), dry	Odor present Sample collected from 0 - 2 feet bgs PID: 0.5 ppm
3 4	TP-102 (2 - 4')	(3 - 4') Brown CLAY, moist	Odor present Sample collected from 2 - 4 feet bgs PID: 0.7 ppm
5 6		**END OF TEST PIT** **4 FEET BGS**	
7 8			
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (EAST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-103 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 955 - 1010
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 4 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 22 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-103 (0 - 2')	(0 - 2.75') Brown/black FILL (misc. debris, car parts, scrap metal), some silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 1.1 ppm
2			
3	TP-103 (2 -4')		Odor present Sample collected from 2 - 4 feet bgs PID: 1.2 ppm
4		(2.75 - 4') Grey CLAY, moist	
5		**END OF TEST PIT** **4 FEET BGS**	
6			
7			
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (WEST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-104 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 1100 - 1120
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 19 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-104 (0 - 2')	(0 - 4') Brown/black SILT, some ash, trace fill (misc. debris, gears, wire, car parts), dry	Odor present Sample collected from 0 - 2 feet bgs PID: 1.7 ppm
3 4	TP-104 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 1.9 ppm
5 6	TP-104 (4 -6')	(4 - 6') Light brown/grey CLAY, dry	Slight odor present Sample collected from 4 - 6 feet bgs PID: 0.9 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

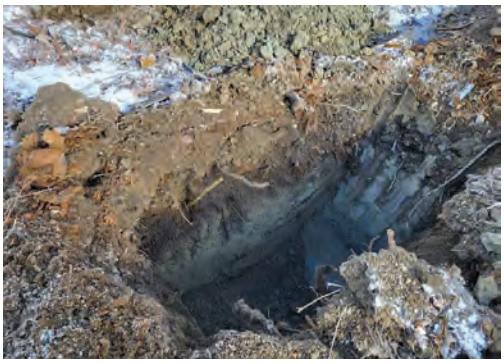
GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (WEST WALL)



Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-105 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1100 - 1135
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 22 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-105 (0 - 2')	(0 - 5') Black FILL (misc. debris, car parts, scrap metal) and ASH, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 2.7 ppm
3 4	TP-105 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 1.9 ppm
5 6	TP-105 (4 - 6')	(5 - 6') Light brown/grey FILL (misc. debris, car parts, scrap metal) and CLAY, dry	Odor present Sample collected from 4 - 6 feet bgs PID: 1.6 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

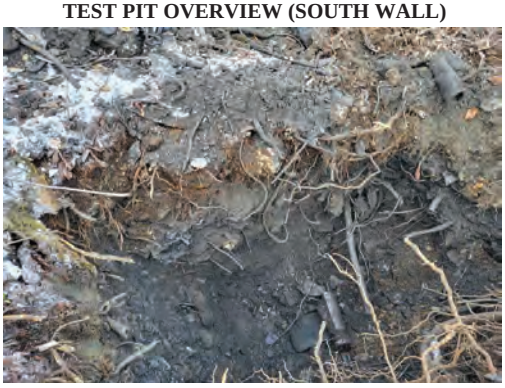
GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)



Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-106 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1015 - 1030
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-106 (0 - 2')	(0 - 3.5') Brown/black FILL (misc. debris, scrap metal, wood, ash), some silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 0.6 ppm
2			
3	TP-106 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 0.9 ppm
4		(3.5 - 4') Grey SILTY CLAY, dry	
5	TP-106 (4 - 6')	(4 - 6') Grey CLAY, trace coarse grained gravel, moist	Odor present Sample collected from 4 - 6 feet bgs PID: 0.7 ppm
6			
7		**END OF TEST PIT** **6 FEET BGS**	
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-107 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 1040 - 1100
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 4 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 18 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-107 (0 - 2')	(0 - 3.5') Brown SILT, trace fill (misc. debris, scrap metal, bolts, plastic, rubber hoses), dry	Sample collected from 0 - 2 feet bgs PID: 0.3 ppm
2			
3	TP-107 (2 - 4')		Sample collected from 2 - 4 feet bgs PID: 0.4 ppm
4		(3.5 - 4') Light brown CLAY, dry	
5		**END OF TEST PIT** **4 FEET BGS**	
6			
7			
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-108 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 1025 - 1045
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-108 (0 - 2')	(0 - 1') CRUSHED STONE, geotextile fabric at 1'	Slight odor present Sample collected from 0 - 2 feet bgs PID: 0.7 ppm
2			
3	TP-108 (2 - 4')	(1 - 4.5') Black SILT and ASH, some fill (misc. debirs, scrap metal nuts/bolts), dry	Odor present Sample collected from 2 - 4 feet bgs PID: 0.6 ppm
4			
5	TP-108 (4 -6')	(4.5 - 6') Grey CLAY, moist	Slight odor present Sample collected from 4 - 6 feet bgs PID: 0.6 ppm
6			
7		**END OF TEST PIT** **6 FEET BGS**	
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-109 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 940 - 1000
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-109 (0 - 2')	(0 - 5') Black/brown FILL (misc. debris, car parts/metal, steel rims, gears, bolts), trace silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 0.9 ppm
3 4	TP-109 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 1.2 ppm
5 6	TP-109 (4 -6')	(5 - 6') Light brown CLAY, moist	Odor present Sample collected from 4 - 6 feet bgs PID: 1.1 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (NORTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-110 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1040 - 1100
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 22 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-110 (0 - 2')	(0 - 3.5') Black FILL (misc. debris, car parts, gears, scrap metal, spark plugs), dry	Odor present Sample collected from 0 - 2 feet bgs PID: 2.3 ppm
3 4	TP-110 (2 - 4')	(3.5 - 5.5') Black FILL (misc. debris, car parts, oil pans, gears), trace silt, dry	Strong odor present Sample collected from 2 - 4 feet bgs PID: 6.3 ppm
5 6	TP-110 (4 - 6')	(5.5- 6') Brown CLAY, some fine grained sand, moist	Slight odor present Sample collected from 4 - 6 feet bgs PID: 0.7 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (NORTHWEST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-111 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1325 - 1345
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-111 (0 - 2')	(0 - 4.75') Brown FILL (misc. debris, scrap metal, car parts), trace silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 0.7 ppm
3 4	TP-111 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 1.2 ppm
5 6	TP-111 (4 -6')	(4.75 - 6') Grey CLAY, some fine grained sand, moist	Odor present Sample collected from 4 - 6 feet bgs PID: 1.4 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (EAST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-112 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 1000 - 1020
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 19 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-112 (0 - 0.5')	(0 - 5.5') Black/green FILL (misc. debris, scrap metal, wires, plastic) and ASH, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 2.3 ppm
2			
3	TP-112 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 2.1 ppm
4			
5	TP-112 (4 - 6')		Odor present Sample collected from 4 - 6 feet bgs PID: 0.7 ppm
6		(5.5 - 6') Brown CLAY, dry	
7		**END OF TEST PIT** **6 FEET BGS**	
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (NORTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-113 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1000 - 1030
Equipment Used (e.g., reach/capacity): Hand tools - 3 feet	**Contractor Personnel:** NA	**TRC Personnel:** Justin King
Total Depth: 1.5 feet bgs	**Contractor Used:** NA	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 19 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
		(0 - 0.5') Grey Crushed STONE. Geotextile fabric at 0.5'.	
1	TP-113 (0.5 - 1.5')	(0.5 - 1.5') - Grey ASH, some fine grained sand, some fill (misc. debris, scrap metal, glass, wires, bolts), dry	Refusal at 1.5' due to large debris Sample collected from 0.5 - 1.5 feet bgs
2		**END OF TEST PIT** **1.5 FEET BGS**	
3			
4			
5			
6			
7			
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW

Comments: TP-113 advanced with hand tools due to the previously confirmed presence of asbestos containing materials (ACMs)

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-114 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 900 - 925
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 19 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-114 (0 - 2')	(0 - 4.5') Black FILL (misc. debris, engine parts, rubber gaskets, glass, bolts), trace silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 4.2 ppm
3 4	TP-114 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 3.9 ppm
5 6	TP-114 (4 - 6')	(4.5 - 6') Grey CLAY, moist	Odor present Sample collected from 4 - 6 feet bgs PID: 0.7 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-115 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1130 - 1200
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 20 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-115 (0 - 2')	(0 - 2.5') Brown FILL (misc. debris, car parts, plastics, scrap metal, spark plugs), dry	Odor present Sample collected from 0 - 2 feet bgs PID: 0.9 ppm
3 4	TP-115 (2 - 4')		No odor Sample collected from 2 - 4 feet bgs PID: 0.7 ppm
5 6	TP-115 (4 - 6')	(2.5- 6') Brown/light brown SILTY CLAY, dry	No odor Sample collected from 4 - 6 feet bgs PID: 0.6 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (WEST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-116 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1300 - 1325
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 4 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 20 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-116 (0 - 2')	(0 - 2.5') Brown FILL (misc. debris, scrap metal, part of matress frame), trace silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 1.7 ppm
2			
3	TP-116 (2 - 4')	(2.5 - 4') Brown/grey SILTY CLAY, moist	Odor present Sample collected from 2 - 4 feet bgs PID: 0.8 ppm
4			
5		**END OF TEST PIT** **4 FEET BGS**	
6			
7			
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (EAST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-117 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1340 - 1400
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-117 (0 - 2')	(0 - 3') Brown FILL (misc. debris, scrap metal), trace silt, dry	No odor Sample collected from 0 - 2 feet bgs PID: 0.4 ppm
3 4	TP-117 (2 - 4')		No odor Sample collected from 2 - 4 feet bgs PID: 0.6 ppm
5 6	TP-117 (4 - 6')	(3 - 6') Grey CLAY, some fill (misc. debris, scrap metal, plastic), trace fine grained sand, moist	No odor Sample collected from 4 - 6 feet bgs PID: 0.5 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (EAST WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-118 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/7/2025 915 - 940
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 18 Degrees F, Clear, SSW 12 - 14 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-118 (0 - 2')	(0 - 6') Black/green ASH, some silt, dry	Odor present Sample collected from 0 - 2 feet bgs PID: 0.8 ppm
3 4	TP-118 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 0.7 ppm
5 6	TP-118 (4 - 6')		Odor present Sample collected from 4 - 6 feet bgs PID: 0.7 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-119 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1415 - 1435
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 20 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-119 (0 - 2')	(0 - 2.5') Light brown SILT, some fill (misc. debris, scrap metal, bolts), dry	No odor Sample collected from 0 - 2 feet bgs PID: 0.3 ppm
2			
3	TP-119 (2 - 4')	(2.5 - 5') Brown/grey SILTY CLAY, moist	No odor Sample collected from 2 - 4 feet bgs PID: 0.4 ppm
4			
5	TP-119 (4 - 6')		No odor Sample collected from 4 - 6 feet bgs PID: 0.3 ppm
6		(5 - 6') Brown/grey CLAY, some fine grained sand, moist	
7		**END OF TEST PIT** **6 FEET BGS**	
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-120 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1400 - 1420
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 20 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-120 (0 - 2')	(0 - 2') Light brown FILL (misc. debris, scrap metal, bolts) and SILT, dry	No odor Sample collected from 0 - 2 feet bgs PID: 0.3 ppm
3 4	TP-120 (2 - 4')	(2 - 4') Light brown SILTY CLAY, dry	No odor Sample collected from 2 - 4 feet bgs PID: 0.2 ppm
5 6	TP-120 (4 - 6')	(4 - 6') Grey SILTY CLAY, moist	No odor Sample collected from 4 - 6 feet bgs PID: 0.3 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (NORTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-121 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1315 - 1430
Equipment Used (e.g., reach/capacity): Hand tools - 3 feet	**Contractor Personnel:** NA	**TRC Personnel:** Justin King
Total Depth: 2 feet bgs	**Contractor Used:** NA	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 19 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-121 (0 - 2')	(0 - 1.5') Grey/brown ASH and fine grained SAND, some fill (misc. debris, scrap metal, plastic, ceramics, rubber, slate, glass), dry	No odor Sample collected from 0 - 2 feet bgs
2		(1.5 - 2') Brown fine grained SAND and SILT, dry	
3		**END OF TEST PIT** **2 FEET BGS**	
4			
5			
6			
7			
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW

Comments: TP-121 advanced with hand tools due to the previously confirmed presence of asbestos containing materials (ACMs)

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-122 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1110 - 1150
Equipment Used (e.g., reach/capacity): Hand tools - 3 feet	**Contractor Personnel:** NA	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 2 feet bgs	**Contractor Used:** NA	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 19 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-122 (0 - 2')	(0 - 1') Grey ASH and FILL (misc. debris, scrap metal, plastic, ceramics), dry	No odor Sample collected from 0 - 2 feet bgs
2		(1 - 2') Brown fine grained SAND and SILT	
3		**END OF TEST PIT** **2 FEET BGS**	
4			
5			
6			
7			
8			
9			
10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW

Comments: TP-122 advanced with hand tools due to the previously confirmed presence of asbestos containing materials (ACMs)

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-123 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1500 - 1530
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1 2	TP-123 (0 - 2')	(0 - 3.5') Brown SILT, some fill (misc. debris, scrap metal, plastics, bolts, tires/rubber), dry	No odor Sample collected from 0 - 2 feet bgs PID: 0.7 ppm
3 4	TP-123 (2 - 4')		Odor present Sample collected from 2 - 4 feet bgs PID: 0.8 ppm
5 6	TP-123 (4 - 6')	(3.5- 6') Light brown SILT and fine to medium grained SAND, moist	Odor present Sample collected from 4 - 6 feet bgs PID: 0.4 ppm
7 8		**END OF TEST PIT** **6 FEET BGS**	
9 10			

GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)

Comments: _____

Rev: October 2014

Test Pit Log

	Project Name/Number: NYSDEC Katzman Recycling (Site No. 558035)	**Test Pit Number:** TP-124 **Sheet_1__ of _1__**
	Location: County Route 26, Granville, New York	**Date/Time** 1/6/2025 1430 - 1450
Equipment Used (e.g., reach/capacity): Mini-excavator (CAT 304E CR) - 8 feet	**Contractor Personnel:** Frank Zabel and Lindsey McGrath	**TRC Personnel:** Rich DePolo and Justin King
Total Depth: 6 feet bgs	**Contractor Used:** LaBella Associates	**Top of Pit Elevation:** 0 feet below ground surface (feet bgs)
Depth to Ground Water: Not Encountered	**Weather:** 21 Degrees F, Clear, SW 6 - 8 mph	

Depth (feet bgs)	Sample Number	Stratigraphic Description	Remarks
1	TP-124 (0 - 2')	(0 - 1.5') Brown SILT and FILL (misc. debris, scrap metal, wires, plastic, bolts), dry	No odor Sample collected from 0 - 2 feet bgs PID: 0.3 ppm
2			
3	TP-124 (2 - 4')	(1.5 - 5') Light brown SILTY CLAY, moist	No odor Sample collected from 2 - 4 feet bgs PID: 0.4 ppm
4			
5	TP-124 (4 - 6')		No odor Sample collected from 4 - 6 feet bgs PID: 0.4 ppm
6		(5 - 6') Light brown CLAY, some fine grained sand, moist	
7		**END OF TEST PIT** **6 FEET BGS**	
8			
9			
10			

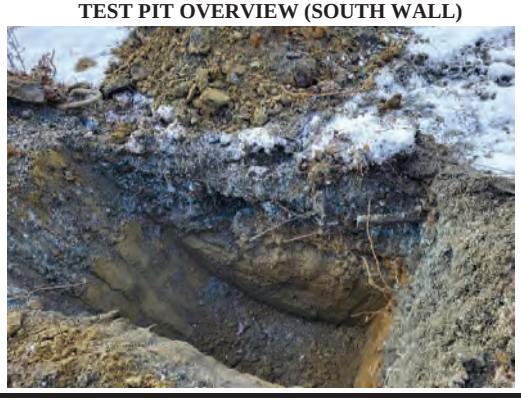
GRAIN SIZE (USCS)

Silt/clay	<0.08 mm
Sand, Fine grained	0.43-0.08 mm
Sand, medium grained	2.0-0.43 mm
Sand, coarse grained	4.8-2.0 mm
Gravel, fine grained	19-4.8 mm
Gravel, coarse grained	75-19 mm
Cobble	300-75 mm
Boulder	>300 mm

MODIFIED BURMISTER PROPORTIONS

Trace	0-10%
Little	10-20%
Some	20-35%
And	35-50%

TEST PIT OVERVIEW (SOUTH WALL)



Comments: _____

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ATTACHMENT 3
PHOTOGRAPHIC LOG

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 1: Excavation activities at the TP-101 location, facing west.

Photo 2: TP-101 location, facing west.

Photo 3: Soil recovered from the TP-101 test pit, from the 2 – 4-foot interval

Photo 4: Sidewall of TP-101, facing north.

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637451.0000.0000	Rich DePolo	1 of 23	NYSDEC Katzman Recycling Site	24 Co. Route 26, Granville, New York

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 5: Excavation activities at the TP-101 location using a mini-CAT excavator, facing southwest.

Photo 6: TP-101 sidewall, facing north.

Photo 7: TP-102 excavation location, facing north.

Photo 8: Soils recovered from the TP-102 test pit excavation, from the 2 – 4-foot interval. Facing north.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 9: TP-102 sidewall, facing northwest.

Photo 10: The northeast sidewall of TP-102, with the measurement of the depth.

Photo 11: TP-103 sidewall, facing west.

Photo 12: The eastern sidewall of TP-103.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 13: The northern sidewall of TP-103.

Photo 14: TP-103 excavation/test pit, facing south.

Photo 15: Excavation activities at the TP-103 location, facing east.

Photo 16: Soil recovered from the TP-104 borehole from the 0 – 2-foot interval. Note the presence of scrap metal, wires, plastics and ash. Facing north.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 17: Soil recovered from the TP-104 borehole from the 4 – 6-foot interval, facing west.

Photo 18: The TP-104 southern facing sidewall.

Photo 19: Sidewall at the TP-104 location, facing west.

Photo 20: Excavation activities at the TP-105 location, facing north.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 21: Soil recovered from the TP-105 excavation from the 2 – 4-foot interval, facing south.

Photo 22: The TP-105 western sidewall.

Photo 23: TP-105 location sidewall, facing south.

Photo 24: TP-106 excavation location, facing northeast.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 25: The TP-106 eastern sidewall.

Photo 26: The TP-106 southern sidewall.

Photo 27: TP-107 excavation location, facing southeast.

Photo 28: TP-107 sidewall, facing northeast.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 29: The eastern sidewall at the TP-107 location.

Photo 30: The southern sidewall at the TP-107 location.

Photo 31: Soil recovered from the TP-108 location from the 4 – 6-foot interval, facing west.

Photo 32: The sidewalls of the TP-108 location, facing east.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 33: Soil recovered from the TP-108 excavation from the 0 – 2-foot interval, facing west.

Photo 34: The completed TP-108 test pit excavation, facing west.

Photo 35: Soil recovered from the TP-109 location from the 0 – 2-foot interval, note the scrap metal/wires/ash/plastics present. Facing north

Photo 36: Sidewall from the TP-109 test pit excavation location. Facing northeast.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 37: Sidewall of the TP-109 excavation, facing north.

Photo 38: Waste recovered from the TP-109 test pit excavation, from the 2 – 4-foot interval, facing west.

Photo 39: Sidewall of the TP-110 excavation, facing east.

Photo 40: Sidewall of the TP-110 excavation, facing south.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 41: Excavation activities at the TP-110 location, facing north.

Photo 42: Waste/scrap metal/car parts recovered from the TP-111 test pit excavation, facing east.

Photo 43: Sidewall from the TP-111 location, facing north

Photo 44: Sidewall from the TP-111 location, facing south.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 45: Excavation activities from the TP-111 location, facing north.

Photo 46: Soil/ash recovered from the TP-112 test pit excavation at the 2 – 4-foot interval. Facing south.

Photo 47: Sidewalls at the TP-112 test pit excavation location, facing west.

Photo 48: Sidewalls at the TP-112 test pit location, facing northwest.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 49: Excavation activities at the TP-112 excavation location, facing west.

Photo 50: Soil recovered from the TP-113 location, facing north.

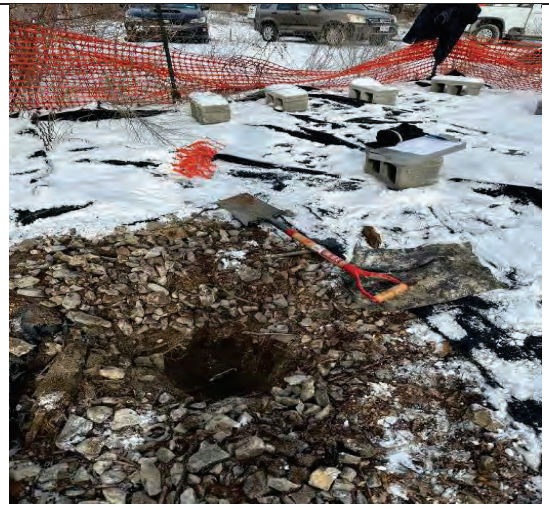

Photo 51: Excavation with handheld equipment at the TP-113 location, facing west.

Photo 52: Test pit excavation activities at the TP-115 location, facing west.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 53: Sidewall at the TP-115 location, facing north.

Photo 54: Sidewall at the TP-115 location, facing south.

Photo 55: Scrap metal/vehicle parts found within the TP-115 excavation (braking system, engine piston). Facing north.

Photo 56: Soil recovered from the TP-115 location from the 0 – 2-foot interval, facing west.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 57: Sidewall at the TP-115 location, facing south.

Photo 58: The completed excavation at the TP-115 location, facing west.

Photo 59: Soil recovered from the TP-116 location at the 2 – 4-foot interval, facing east.

Photo 60: Sidewall at the TP-116 location, facing southwest.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 61: Sidewalls at the TP-116 location, which contains a large percentage of percentage of scrap metal and miscellaneous wastes, facing south.

Photo 62: Sidewalls at the TP-116 location, presence of scrap metal, wires, and ash is abundant. Facing north.

Photo 63: Pile containing recovered soils from the TP-117 location from the 2 – 4-foot interval. Facing east.

Photo 64: Sidewall at the TP-117 location, facing east.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 65: Sidewall from the TP-117 location, facing south.

Photo 66: Excavation activities at the TP-117 location, facing north.

Photo 67: Pile containing soil recovered from the TP-118 location, from the 0 – 2-foot interval. Facing west.

Photo 68: The sidewall of the TP-118, facing north.

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637451.0000.0000	Rich DePolo	17 of 23	NYSDEC Katzman Recycling Site	24 Co. Route 26, Granville, New York

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 69: The sidewall at the TP-118 location, facing west.

Photo 70: Completed excavation at the TP-118 location, facing south.

Photo 71: Soil recovered from the TP-119 location from the 0 – 2-foot interval. Facing south.

Photo 72: Sidewall at the TP-119 location, facing south.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:
637451.0000.0000	Rich DePolo	18 of 23	NYSDEC Katzman Recycling Site	24 Co. Route 26, Granville, New York

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 73: Completed excavation at the TP-119 location, facing west.

Photo 74: Pile containing soils recovered from the TP-120 location from the 0 – 2-foot interval, facing south.

Photo 75: The completed excavation/sidewalls from the TP-120 location, facing southwest.

Photo 76: The sidewall at the TP-120 location, facing west.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 77: Excavation activities at the TP-120 test pit location. Facing southwest.

Photo 78: Soil recovered from the TP-121 location, facing southeast.

Photo 79: The completed excavation of the TP-121 test pit, facing south.

Photo 80: Site overview of the TP-122 location, facing east.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 81: Soil recovered from the TP-122 location, facing southeast.

Photo 82: The completed excavation at the TP-122 location, facing east.

Photo 83: The completed excavation at the TP-123 location, facing southeast.

Photo 84: The sidewalls at the TP-123 location, facing south.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 85: Excavation activities at the TP-124 location, facing north.

Photo 86: Soil recovered from the TP-124 location from the 4 – 6-foot interval. Facing northwest.

Photo 87: The completed TP-124 excavation, facing north.

Photo 88: The sidewalls at the TP-124 location, facing west.

Attachment 3
Photographic Log
Katzman Recycling Site – Site No. 558035

Photo 89: Excavation activities at the TP-124 location, facing south.

ATTACHMENT 4
SOIL COMPOSITE SAMPLE KEY

Attachment 4
Soil Composite Sample Key
Katzman Recycling Site - Site No. 558035

COMPOSITING RECIPE BY TEST PIT			
Test Pit	0-2 bgs	2-4 bgs	4-6 bgs
TP-101	Comp 3	Comp 9	End TP
TP-102	Comp 3	Comp 10	End TP
TP-103	Comp 3	Comp 10	End TP
TP-104	Comp 3	Comp 9	Comp 16
TP-105	Comp 2	Comp 4	Comp 10
TP-106	Comp 5	Comp 10	Comp 19
TP-107	Comp 9	Comp 16	End TP
TP-108	Comp 2	Comp 4	Comp 14
TP-109	Comp 2	Comp 4	Comp 14
TP-110	Comp 5	Comp 11	Comp 18
TP-111	Comp 5	Comp 11	Comp 19
TP-112	Comp 7	Comp 15	Comp 17
TP-113	Comp 1	End TP	
TP-114	Comp 2	Comp 7	Comp 15
TP-115	Comp 6	Comp 11	Comp 18
TP-116	Comp 6	Comp 12	End TP
TP-117	Comp 6	Comp 11	Comp 19
TP-118	Comp 8	Comp 13	Comp 20
TP-119	Comp 7	Comp 15	Comp 17
TP-120	Comp 8	Comp 12	Comp 20
TP-121	Comp 1	End TP	
TP-122	Comp 1	End TP	
TP-123	Comp 8	Comp 13	Comp 20
TP-124	Comp 8	Comp 13	Comp 20

TCLP Lead > 5 mg/L

TCLP Lead < 5mg/L

COMPOSITING RECIPE BY COMPOSITE #			
Comp #	0-2 bgs	2-4 bgs	4-6 bgs
Comp 1	TP-113		
	TP-121		
	TP-122		
Comp 2	TP-105		
	TP-108		
	TP-109		
	TP-114		
Comp 3	TP-101		
	TP-102		
	TP-103		
	TP-104		
Comp 4		TP-105	
		TP-108	
		TP-109	
Comp 5	TP-106		
	TP-110		
	TP-111		
Comp 6	TP-115		
	TP-116		
	TP-117		
Comp 7	TP-112		
		TP-114	
	TP-119		
Comp 8	TP-118		
	TP-120		
	TP-123		
	TP-124		
Comp 9		TP-101	
		TP-104	
	TP-107		

COMPOSITING RECIPE BY COMPOSITE #			
Comp #	0-2 bgs	2-4 bgs	4-6 bgs
Comp 10		TP-102	
		TP-103	
			TP-105
		TP-106	
Comp 11		TP-110	
		TP-111	
		TP-115	
		TP-117	
Comp 12		TP-116	
		TP-120	
Comp 13		TP-118	
		TP-123	
		TP-124	
Comp 14			TP-108
			TP-109
Comp 15		TP-112	
			TP-114
		TP-119	
Comp 16			TP-104
		TP-107	
Comp 17			TP-112
			TP-119
Comp 18			TP-110
			TP-115
Comp 19			TP-106
			TP-111
			TP-117
Comp 20			TP-118
			TP-120
			TP-123
			TP-124

TRC

ATTACHMENT 5
REFERENCE AERIAL PHOTOGRAPHS