Memo

To: Mr. Ronnie E. Lee, P.E.

From: Kevin McCarty

c: Rasheed Lucas (NYCEDC)

Date: October 30, 2023

Re: 355 FCD BCP #C203099
Petroleum Spill # Q2310047

This memorandum has been prepared with information generated from inspections, interviews, soil sampling and laboratory data to address the diesel fuel and hydraulic fluid release that occurred on October 19, 2023, at approximately 10:30 am.

The release occurred as a result of an overturned track mounted drill rig which was being used to install deep foundational borings related to the Freezer B replacement at the Hunts Point Cooperative Market (Meat Market). The area is located near the northeastern corner of Building B in the 355 Food Center Drive (FCD) Brownfield Cleanup Program (BCP) Site (No. C203099). The drill rig leaked approximately 15 gallons of diesel fuel and hydraulic fluid, and while this was originally limited to a relatively localized area, rainy conditions caused the material to impact a larger surface area and trench that contained water. The surface impacts were also spread over a larger area as a result of the removal of the equipment, specifically over the path used to remove the drill rig.

Immediately following the spill, a vac truck and soil vacuum apparatus was mobilized to the site to evacuate impacted water from the trench as well as to clean oil and fluid collecting on the exposed soil surface. GEI was present at the Site at the time of the incident through our subconsultant, Distinct Engineering, who was observing the drilling and performing Community Air Monitoring (CAMP).

GEI was able to get the specific contractor information from the General Contractor on the Site (Girandola & Shutkind Construction Corporation) and reported the spill to the New York State Department of Environmental Conservation (NYSDEC) hotline on October 20, 2023. Following an assessment of the initial impact, conditions created by both the rain as well as removal of the rig, GEI provided NYSDEC with a plan for cleaning up and closing the spill in order to allow the work within the facility to continue.

The following is a presentation of the procedures that were followed in addition to the sample test results:

1) GEI worked with the General Contractor to provide a skid-steer loader and operator. The skid-steer loader was used to scrape the surface soil from the entire area which was

impacted by the spill. Generally, the top 3-inches were removed across the larger surface area as depicted in Figure 1, and up to the top 1-foot in the immediate spill area.

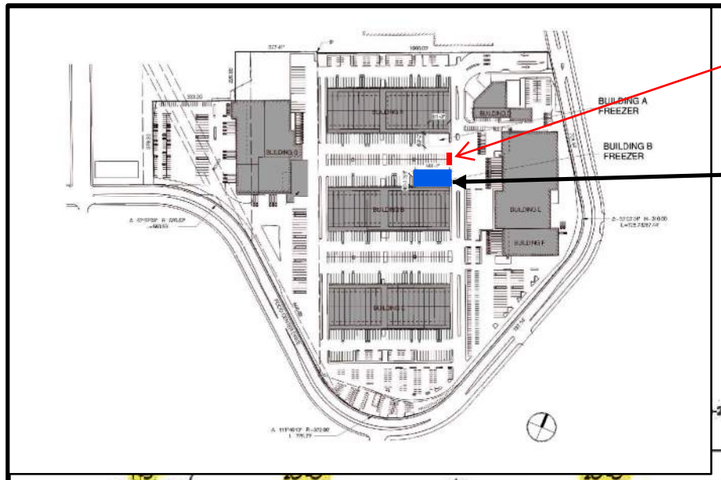
2) GEI was present during the spill cleanup activities on October 24, 2023, and both directed the contractor in the soil removal and used a Photoionization Detector (PID) as well as a visual and olfactory evaluation to guide the cleaning and scraping of the area. The GEI Professional Geologist/QEP supervising the cleanup was Stacey Ng.
3) All removed material was placed on a concrete slab area on top of and covered with plastic tarps to prevent any runoff and limit nuisance odors. Approximately 30 cubic yards of material was removed from the area and staged for future disposal classification testing and subsequent removal.
4) GEI collected a total of four (4) shallow surface samples to document the conditions immediately following the removal of impacted soil. All four (4) samples were submitted to CHEMTECH laboratory to be analyzed for Semi-Volatile Organic Compounds (SVOCs) via EPA Method 8270 as well as Diesel Range Organics (DRO). The data report is attached to this memo and provides a detailed compound-by-compound breakdown of the testing.
5) The General Contractor imported approximately 20 cubic yards of recycled concrete aggregate (RCA) on October 24, 2023, as well as approximately 180 cubic yards of additionally processed concrete material on October 25, 2023, to stabilize the ground surface. This material was imported following an initial Fill Importation Request submitted to the Department on September 21, 2023. This importation request for the smaller material was expanded on October 25, 2023, to include an additional 100 cubic yards of material (a total of 200 cubic yards for which 180 cubic yards was imported). The RCA approval included 200 cubic yards for which only 20 cubic yards was imported. All import requests and approvals are attached.

A summary of the attached results shows that all four (4) samples were found to contain no SVOC compounds above the criteria which the data was compared to (Unrestricted, Residential w/CP51 and Restricted Residential w/CP51 Soil Cleanup Objectives specified in Table 6.8 (a)(b) in NYCRR Part 375).

All staged soil will be tested and properly manifested and disposed as petroleum impacted material. Documentation will be provided, along with the information included in this technical summary in the Remedial Action Work Plan (RAWP).

Following the response, cleanup, sampling and review of the analytical results, GEI is recommending the spill (#Q2310047) be closed in order to allow foundational drilling in the replacement freezer area to continue.

Attachments:
Photo Log
Figure 1 – Freezer B Spill Sampling
CHEMTECH Laboratory Data Report
Fill Importation Requests



STOCKPILE LOCATION

FREEZER B LOCATION

N

MMFB-1

MMFB-2

MMFB-3

MMFB-4

53'-5"

44'-5"

40'-0"

41'-0"

20'-0"

141'-1"

19'-0"

10" FOUNDATION WALL

ALIGN BUILDING LINE WITH FOUNDATION WALL ALONG GRID C

PEDESTAL

FOOTING LINE (BELOW) (+9.5')

E-W GRADE BEAM

10" FOUNDATION WALL (BELOW)

PILE CAP

PEDESTAL CAP

PILE TO BE LOAD TESTED (NOTE 6)

1'-8" EXTERIOR N-S GRADE BEAM

INTERIOR N-S GRADE BEAM

EXTERIOR

INTERIOR

0 10' 20'

LEGEND

Deep Foundation Boring

355 Food Center Drive (BCP Site No. C203099)
Bronx, New York
Supplemental Remedial Investigation Work Plan

New York City Economic Development Corporation (NYCEDC)
Bronx, NY

GEI Consultants

FREEZER B
SPILL SAMPLING

Project 2303440

October 2023

Figure 1

\\geiconsultants.com\Data\Data_Storage\Working\NYCEDC\1800710 Hunts Point - Meat Market\00_CAD\GIS\SRIWP Freezer B Deep Foundation Borings.mxd

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemtech.net

The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)				
Sample ID					MMFB-1	MMFB-2	MMFB-3	MMFB-4
Lab Sample Number					O5039-01	O5039-02	O5039-03	O5039-04
Sampling Date					10/24/2023	10/24/2023	10/24/2023	10/24/2023
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #							
DRO	DRO				115	85.9	121	74.7

Total TICs

Qualifiers

U - The compound was not detected at the indicated concentration.

N (Organics) - Presumptive Evidence of a Compound

N (Inorganics) - The matrix spike recovery was outside control limits

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* (Organics) - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

* (Inorganics) - The sample/duplicate %RPD was above the control limit.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Q - indicates LCS control criteria did not meet requirements.

NR - Not analyzed

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The comparison of the regulatory limits in this report reflect the current Chemtech Consulting Group Inc. knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID		NY SCO - Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Restricted Residential w/CP-51 (10/10) (6 NYCRR 375-6 12/06)	NY SCO - Unrestricted Use (6 NYCRR 375-6 12/06)	MMFB-1	MMFB-2	MMFB-3	MMFB-4
Lab Sample Number					O5039-01	O5039-02	O5039-03	O5039-04
Sampling Date					10/24/2023	10/24/2023	10/24/2023	10/24/2023
Matrix		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND	CAS #							
Benzaldehyde	100-52-7				0.37 U	0.74 U	0.36 U	0.37 U
Phenol	108-95-2	100	100	0.33	0.19 U	0.38 U	0.19 U	0.19 U
bis(2-Chloroethyl)ether	111-44-4				0.19 U	0.38 U	0.19 U	0.19 U
2-Chlorophenol	95-57-8	100			0.19 U	0.38 U	0.19 U	0.19 U
2-Methylphenol	95-48-7	100	100	0.33	0.19 U	0.38 U	0.19 U	0.19 U
2,2-oxybis(1-Chloropropane)	108-60-1				0.19 U	0.38 U	0.19 U	0.19 U
Acetophenone	98-86-2				0.19 U	0.38 U	0.19 U	0.19 U
3+4-Methylphenols	65794-96-9				0.37 U	0.74 U	0.36 U	0.37 U
n-Nitroso-di-n-propylamine	621-64-7				0.09 U	0.18 U	0.087 U	0.09 U
Hexachloroethane	67-72-1				0.19 U	0.38 U	0.19 U	0.19 U
Nitrobenzene	98-95-3	3.7	15		0.19 U	0.38 U	0.19 U	0.19 U
Isophorone	78-59-1	100			0.19 U	0.38 U	0.19 U	0.19 U
2-Nitrophenol	88-75-5				0.19 U	0.38 U	0.19 U	0.19 U
2,4-Dimethylphenol	105-67-9				0.19 U	0.38 U	0.19 U	0.19 U
bis(2-Chloroethoxy)methane	111-91-1				0.19 U	0.38 U	0.19 U	0.19 U
2,4-Dichlorophenol	120-83-2	100			0.19 U	0.38 U	0.19 U	0.19 U
Naphthalene	91-20-3	100	100	12	**0.18** J	0.38 U	**0.24**	**0.091** J
4-Chloroaniline	106-47-8	100			0.19 U	0.38 U	0.19 U	0.19 U
Hexachlorobutadiene	87-68-3				0.19 U	0.38 U	0.19 U	0.19 U
Caprolactam	105-60-2				0.37 U	0.74 U	0.36 U	0.37 U
4-Chloro-3-methylphenol	59-50-7				0.19 U	0.38 U	0.19 U	0.19 U
2-Methylnaphthalene	91-57-6	0.41			**0.11** J	0.38 U	**0.23**	0.19 U
Hexachlorocyclopentadiene	77-47-4				0.37 U	0.74 U	0.36 U	0.37 U
2,4,6-Trichlorophenol	88-06-2				0.19 U	0.38 U	0.19 U	0.19 U
2,4,5-Trichlorophenol	95-95-4	100			0.19 U	0.38 U	0.19 U	0.19 U
1,1-Biphenyl	92-52-4				0.19 U	0.38 U	0.19 U	0.19 U
2-Chloronaphthalene	91-58-7				0.19 U	0.38 U	0.19 U	0.19 U
2-Nitroaniline	88-74-4				0.19 U	0.38 U	0.19 U	0.19 U
Dimethylphthalate	131-11-3	100			0.19 U	0.38 U	0.19 U	0.19 U
Acenaphthylene	208-96-8	100	100	100	**0.17** J	0.38 U	**0.13** J	0.19 U
2,6-Dinitrotoluene	606-20-2	1.03			0.19 U	0.38 U	0.19 U	0.19 U
3-Nitroaniline	99-09-2				0.19 U	0.38 U	0.19 U	0.19 U
Acenaphthene	83-32-9	100	100	20	0.19 U	0.38 U	**0.16** J	0.19 U
2,4-Dinitrophenol	51-28-5	100			0.37 U	0.74 U	0.36 U	0.37 U
4-Nitrophenol	100-02-7				0.37 U	0.74 U	0.36 U	0.37 U
Dibenzofuran	132-64-9	14	59	7	0.19 U	0.38 U	0.19 U	0.19 U
2,4-Dinitrotoluene	121-14-2				0.19 U	0.38 U	0.19 U	0.19 U
Diethylphthalate	84-66-2	100			0.19 U	0.38 U	0.19 U	0.19 U
4-Chlorophenyl-phenylether	7005-72-3				0.19 U	0.38 U	0.19 U	0.19 U
Fluorene	86-73-7	100	100	30	0.19 U	0.38 U	**0.25**	0.19 U
4-Nitroaniline	100-01-6				0.19 U	0.38 U	0.19 U	0.19 U
4,6-Dinitro-2-methylphenol	534-52-1				0.37 U	0.74 U	0.36 U	0.37 U
n-Nitrosodiphenylamine	86-30-6				0.19 U	0.38 U	0.19 U	0.19 U
4-Bromophenyl-phenylether	101-55-3				0.19 U	0.38 U	0.19 U	0.19 U
Hexachlorobenzene	118-74-1	0.41	1.2	0.33	0.19 U	0.38 U	0.19 U	0.19 U
Atrazine	1912-24-9				0.19 U	0.38 U	0.19 U	0.19 U
Pentachlorophenol	87-86-5	2.4	6.7	0.8	0.37 U	0.74 U	0.36 U	0.37 U
Phenanthrene	85-01-8	100	100	100	**0.89**	0.38 U	**1.6**	**0.23**
Anthracene	120-12-7	100	100	100	**0.22**	0.38 U	**0.43**	0.19 U
Carbazole	86-74-8				0.19 U	0.38 U	0.19 U	0.19 U
Di-n-butylphthalate	84-74-2	100			0.19 U	0.38 U	0.19 U	0.19 U
Fluoranthene	206-44-0	100	100	100	**0.81**	0.38 U	**0.97**	**0.21**
Pyrene	129-00-0	100	100	100	**0.96**	**0.21** J	**1.2**	**0.27**
Butylbenzylphthalate	85-68-7	100			0.19 U	0.38 U	0.19 U	0.19 U
3,3-Dichlorobenzidine	91-94-1				0.37 U	0.74 U	0.36 U	0.37 U
Benzo(a)anthracene	56-55-3	1	1	1	**0.68**	0.38 U	**0.62**	**0.17** J
Chrysene	218-01-9	1	3.9	1	**0.66**	0.38 U	**0.61**	**0.16** J
Bis(2-ethylhexyl)phthalate	117-81-7	50			0.19 U	0.38 U	0.19 U	0.19 U
Di-n-octyl phthalate	117-84-0	100			0.37 U	0.74 U	0.36 U	0.37 U
Benzo(b)fluoranthene	205-99-2	1	1	1	**0.82**	0.38 U	**0.66**	**0.19**
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	**0.25**	0.38 U	**0.17** J	0.19 U
Benzo(a)pyrene	50-32-8	1	1	1	**0.71**	0.38 U	**0.57**	**0.17** J
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	**0.31**	0.38 U	**0.23**	0.19 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.19 U	0.38 U	0.19 U	0.19 U
Benzo(g,h,i)perylene	191-24-2	100	100	100	**0.43**	**0.35** J	**0.38**	**0.21**
1,2,4,5-Tetrachlorobenzene	95-94-3				0.19 U	0.38 U	0.19 U	0.19 U
1,4-Dioxane	123-91-1	9.8	13	0.1	0.19 U	0.38 U	0.19 U	0.19 U
2,3,4,6-Tetrachlorophenol	58-90-2				0.19 U	0.38 U	0.19 U	0.19 U
Total TICs					4.88	7	6.87	5.6

Qualifiers

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* (Inorganics) - The sample/duplicate %RPD was above the control limit.

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D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

Q - indicates LCS control criteria did not meet requirements.

NR - Not analyzed


Dry Goods
Oils · Dairy · Spices · Beverages · Paper Products
Straight from the Warehouse to You!
CAUTION
CAUTION
CAUTION
CAUTION
CAUTION
CAUTION


CAUTION
CAUTION

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9767 I F: (518) 402-9773
www.dec.ny.gov

October 25, 2023

GEI Consultants, Inc., P.C.
Attn: Kevin McCarty
530 7th Avenue, Suite 2007
New York, NY 10018
kmccarty@geiconsultants.com

Re: **355 Food Center Drive**
Tax Map ID No.: 2-2781-500 (portion of)
Property County: Bronx
BCP Site No.: C203099
Request to Import Crushed Concrete

Dear Kevin McCarty:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the request dated October 25, 2023, to import up to 100 cubic yards of #1 RCA crushed concrete from Island Rock & Dirt Corp., which is a NYSDEC-registered C&D Debris Handling and Recovery Facility located at 631 Woodfield Road, West Hempstead, NY 11552.

The proposed material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in Section 5.4(e)5 of DER-10. Therefore, the material may be used to stabilize the base of the Building B foundation excavation area following an extended period of precipitation.

If you have any questions, you may contact me at the address above or at ronnie.lee@dec.ny.gov.

Sincerely,

Ronnie E. Lee

Ronnie E. Lee, P.E.
Project Manager

NEW YORK STATE | Department of Environmental Conservation

ec: S. Quandt, J. O'Connell – NYSDEC
S. Selmer – NYSDOH
R. Lucas (rlucas@edc.nyc)
D. Aneiro (DANEIRO@edc.nyc)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor, Albany, NY 12233-7016
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www.dec.ny.gov

September 22, 2023

GEI Consultants, Inc., P.C.
Attn: Kevin McCarty
530 7th Avenue, Suite 2007
New York, NY 10018
kmccarty@geiconsultants.com

Re: **355 Food Center Drive**
Tax Map ID No.: 2-2781-500 (portion of)
Property County: Bronx
BCP Site No.: C203099
Request to Import Crushed Concrete

Dear Kevin McCarty:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the request dated September 22, 2023, to import up to 100 cubic yards of #1 RCA crushed concrete from Island Rock & Dirt Corp., which is a NYSDEC-registered C&D Debris Handling and Recovery Facility located at 631 Woodfield Road, West Hempstead, NY 11552.

The proposed material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in Section 5.4(e)5 of DER-10. Therefore, the material may be used to to stabilize the base of the Building B foundation excavation area.

If you have any questions, you may contact me at the address above or at ronnie.lee@dec.ny.gov.

Sincerely,

Ronnie E. Lee

Ronnie E. Lee, P.E.
Project Manager

ec: S. Quandt, J. O'Connell – NYSDEC
S. Selmer – NYSDOH
R. Lucas (rlucas@edc.nyc)
D. Aneiro (DANEIRO@edc.nyc)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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September 29, 2023

Kevin McCarty
GEI Consultants, Inc., P.C.
1385 Broadway, 20th Floor
New York, NY 10018

Re: **Brownfield Cleanup Project**
400 Food Center Drive
BCP Site ID No.: C203100
City of New York, Bronx County

Dear Kevin McCarty:

The New York State Department of Environmental Conservation has reviewed the request dated September 29, 2023, to import up to 10 cubic yards of screened stone from the NYC Clean Soil Bank, which is located at 830 Forbell Street in Brooklyn, New York, and is owned and operated by the Mayor's Office of Environmental Remediation. Based on the information provided, the request is hereby approved.

The proposed material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in Section 5.4(e)5 of DER-10. Therefore, this material may be used to support the collapsed area within the Krasdale parking lot.

If you have any questions, please contact me at 518-402-9615 or via email at ronnie.lee@dec.ny.gov.

Sincerely,

Ronnie E. Lee, P.E.
Project Manager
Remedial Bureau B
Division of Environmental Remediation

S. Quandt
J. O'Connell
S. Selmer
K. McCarty (kmccarty@geiconsultants.com)
R. Lucas (rlucas@edc.nyc)