DRAFT

FINDING OF SUITABILITY TO TRANSFER (FOST)

Fort Monmouth, New Jersey

Carve Out Group 7

August 2025

TABLE OF CONTENTS

LIST OF ACRONYMS AND ABBREVIATIONS

µg/m^3	microgram per cubic meter
µg/L	microgram per liter
ACM	Asbestos-Containing Material
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
BRAC	Base Realignment and Closure
C4ISR	Command and Control, Communications, Computers, Intelligence, Sensors and Reconnaissance
CECOM	Communications-Electronics Command
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
DMM	Discarded Military Munitions
DOD	Department of Defense
ECP	Environmental Condition of Property
EPP	Environmental Protection Provision
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FMERA	Fort Monmouth Economic Revitalization Authority
FOST	Finding of Suitability to Transfer
IRP	Installation Restoration Program
LBP	Lead-Based Paint
MEC	Munitions and Explosives of Concern
NEPA	National Environmental Policy Act
NJDEP	New Jersey Department of Environmental Protection
PA	Preliminary Assessment
PCB	Polychlorinated Biphenyl
RA(C)	Remedial Action (Construction)
RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine
RI	Remedial Investigation
SI	Site Investigation
SVOC	Semi-volatile Organic Compound
TNT	2,4,6-Trinitrotoluene
U.S.C.	United States Code
UST	Underground Storage Tank
UXO	Unexploded Ordnance

FINDING OF SUITABILITY TO TRANSFER
(FOST)
Fort Monmouth, New Jersey
Carve Out Group 7 Parcel

August 2025

1. PURPOSE

The purpose of this Finding of Suitability to Transfer (FOST) is to document the environmental suitability for transfer of a portion of the "carve outs" located in the Parcel 44 (landfill FTMM-03 and surrounding area) as well as Parcels 102A and 102C, also known as Carve Out Group 7 (the Property) of Fort Monmouth, New Jersey. These carve outs were not transferred with the surrounding property due to unresolved environmental issues associated with the Landfill FTMM-03 and Parcel 102A (which contains a portion of landfill FTMM-03) The Property is set to be transferred to the Fort Monmouth Economic Revitalization Authority (FMERA) consistent with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 120(h) and Department of Defense (DOD) policy. In addition, this FOST includes the CERCLA Notice, Covenant, and Access Provisions and other Deed Provisions and the Environmental Protection Provisions (EPPs) necessary to protect human health and the environment after such transfer.

2. PROPERTY DESCRIPTION

The property to be transferred to the FMERA under the Economic Development Conveyance authority consists of approximately 9.64 acres of land that were formerly part of a carve outs that were not transferred with the surrounding property (see Enclosure 1, Figure 1). The property to be transferred under this FOST is located in Parcel 44, Parcel 102A and Parcel 102C, referred to as the Property (see Enclosure 1, Figure 1). The Property is located within the Main Post portion of Fort Monmouth in the Borough of Eatontown.

Fort Monmouth is located in the central-eastern portion of New Jersey, approximately 45 miles south of New York City, 70 miles northeast of Philadelphia and 40 miles east of Trenton (see Enclosure 1, Figure 2). The Atlantic Ocean is located approximately 2.5 miles to the east. Fort Monmouth consists of the Main Post, Charles Wood Area and Evans Area. The Main Post encompasses an area of approximately 637 acres and is bounded by State Highway 35 to the west, Parkers Creek and Lafetra Creek to the north, New Jersey Transit Railroad to the east and residential neighborhoods to the south. The Charles Wood Area is comprised of approximately 489 acres and is located one mile west of the Main Post. The Evans Area consisted of approximately 219 acres and was transferred under the Base Realignment and Closure (BRAC) 1993 Program. The Main Post and Charles Wood Area are included in BRAC 2005. The majority of the Charles Wood Area and Parcel B of the Main Post were transferred to the FMERA as the Phase 1 Parcels in 2012 and 2014. Portions of the Main Post were transferred to the FMERA as the Phase 2 Parcels in 2016. Certain portions of the Main Post and Charles Wood

Area were withheld from transfer as they were not yet suitable for transfer and these areas are identified as “Carve Outs”.

The primary mission of Fort Monmouth was to provide command, administrative and logistical support for the Headquarters, United States Army Communications-Electronics Command (CECOM). CECOM was a major subordinate command of the United States Army Materiel Command and was the host activity. Fort Monmouth served as the center for the development of the Army’s Command and Control, Communications, Computers, Intelligence, Sensors and Reconnaissance (C4ISR) systems.

Fort Monmouth activities were realigned under four BRAC Commission recommendations in 1988, 1991, 1993 and 1995 prior to the recommendation for closure in 2005. The Evans Area was included in BRAC 1993 and the Main Post and Charles Wood Area were included in BRAC 2005. The installation closed on September 15, 2011. The majority of the Charles Wood Area and Parcel B of the Main Post were transferred to the Fort Monmouth Economic Revitalization Authority (FMERA) as the Phase 1 Parcels in 2012 and 2014. Portions of the MP were transferred to the FMERA as the Phase 2 Parcels in 2016.

3. ENVIRONMENTAL DOCUMENTATION

A determination of the environmental condition of the Property was made based upon the following:

- FTMM Report. Final Remedial Investigation Report for Site FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey, Parsons, February 2016.
- FTMM Report. Remedial Action Report Landfill Capping Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey, May 2024.
- FTMM Letter. Remedial Action Report Addendum, for FTMM-03 Landfill, January 22, 2025.
- FTMM Letter. Fort Monmouth NJ Remedial Action Report Addendum for FTMM-03 Draft Deed Notice, April 15, 2025.
- NJDEP Letter. Remedial Action Report: Landfill Capping for Landfill FTMM-03, May 21, 2025.
- FTMM Letter. Fort Monmouth New Jersey, Parcels 35 and 102 Carve Out Property Category Determination, January 25, 2018.
- NJDEP Letter. Carve out Property Category Determination for Parcels 35 and 102, Fort Monmouth, Oceanport, Monmouth County, March 23, 2018.

The information provided is a result of a complete search of agency files during the development of these environmental surveys. A complete list of documents providing information on environmental conditions of the Property is attached (Enclosure 2).

4. ENVIRONMENTAL CONDITION OF PROPERTY

The DOD Environmental Condition of Property (ECP) categories for the Parcels covered by this FOST are as follows:

ECP Category 1:

Parcel 102C: The area located just to the south of landfill FTMM-03 as shown in Enclosure 1, Figure 1. The New Jersey Department of Environmental Protection (NJDEP) concurred on the reclassification of this property to Category 1 in a letter dated March 23, 2018.

ECP Category 4:

Parcel 44 (Portion of Parcel): This is the area of landfill FTMM-03 and directly adjacent property to landfill FTMM-03 as shown in Enclosure 1, Figure 1.

Parcel 102A: This is the far northwestern portion of landfill FTMM-3, which was originally believed to not contain landfill material but during remediation of FTMM-03 it was determined that landfill material did exist on Parcel 102A. This was addressed with the closure of landfill FTMM-03 (see Enclosure 1, Figure 1).

A summary of the ECP categories for the parcel and the ECP category definitions are provided in Table 1 – Description of Property (Enclosure 3).

4.1. ENVIRONMENTAL REMEDIATION SITES

The majority of the property consists of former landfill FTMM-03 which was closed as part of the remediation of the landfill.

FTMM-03 landfill located in the western portion of the main post, is bordered by Parker's Creek Branch to the north, Wampum Brook to the east, and North Drive to the south and west. FTMM-03 was in operation from approximately 1959 to 1964 and was reportedly used for the general disposal of domestic and industrial wastes. The Preliminary Assessment/Site Investigation (PA/SI) was conducted from August 1993 through December 1995. The Remedial Investigation (RI) Phase (September 1998 to July 2017) was performed to delineate groundwater and soil contaminants of concern. An RI of near surface soil was also conducted. Semi-Volatile Organics (SVOC), pesticides, polychlorinated byphenyls (PCBs), and heavy metals were identified above the NJDEP Non-Residential Direct Contact Soil Remediation Standards at multiple locations. Waste deposits were also observed protruding from the soil cover throughout the landfill. Supplemental investigations were performed in 2015 and an RI Report was submitted to NJDEP in February 2016 and approved on 08 March 2017. No further action for groundwater was approved by NJDEP on 02 June 2017; all monitoring wells were decommissioned in July 2017. NJDEP concurred with the Proposed Plan and Record of Decision signed (signed in July 2017). The Remedial Design was completed in October 2018 and Remedial Action Construction (RA(C)) began in September 2020.

Construction activities at FTMM-03 began on September 17, 2020. Initial construction activities included the excavation of a key-in trench around the limit of landfill to allow the 2-foot-thick cap to meet the surrounding elevations. Subgrade preparation within the limit of landfill consisted of regrading to ensure positive drainage with slopes generally between 3 and 6%, to the extent possible, in accordance with NJDEP Solid Waste Regulations, N.J.A.C. 7:26 Subchapter 2A. The subgrade at each landfill was then compacted with a vibratory compactor to 90% of the subgrade's maximum dry density (determined using ASTM D698), based on field measurements using a soil density gauge (Troxler E-Gauge Model 4590). No suspected hazardous wastes or suspected asbestos-containing materials were observed in the landfill material and pre-existing cover during regrading.

Once subgrade was prepared, landfill capping construction began. Specifically, a visible delineation geotextile fabric (Geotex® Orange Nonwoven Printed Demarcation Geotextile) was placed in sections overlapping 1 foot. Approximately 34,500 tons of clean common fill were imported and placed within the landfill extents. Common fill was placed in three, 8-inch loose lifts and compacted to a thickness of six inches, for a total thickness of 18 inches. Each lift was compacted by completing a minimum of three passes of the material with a 10-ton roller compactor. Common fill thickness was confirmed by survey and adjusted as needed.

Clean topsoil was placed in one 6-inch loose lift. Approximately 5,600 (in-place) cubic yards of topsoil were imported and placed within landfill extents. A walking path was also constructed on top of the 18-inch common fill layer at FTMM-03 consisting of one 6-inch thick, compacted layer of #10 screenings from Stavola's Bound Brook Quarry placed on top of a second non-woven geotextile placed above the common fill layer. Following topsoil placement, the landfill's side slopes were stabilized by placing temporary seed mix and erosion control blankets to prevent erosion before final seeding and restoration.

Seed mixtures were applied at the planting rates specified in the Soil Erosion and Sediment Control Plan. Hydroseeding was used to plant the appropriate seed mixtures in both the riparian zone and upland area within the landfill's extents. The SOC identifies native herbaceous species and the native species were included in the selected pollinator seed mixture for the riparian zone.

The Property was not remediated to levels suitable for unrestricted use. The deed will include land use restrictions to prevent residential use. A deed notice for landfill FTMM-03 was prepared and provided to NJDEP. NJDEP concurred on the content of the deed notice in letter dated May 21, 2025. The deed notice will be filed and recorded with deed of transfer as specified the Record of Decision.

4.2. Storage, Release, or Disposal of Hazardous Substances

Hazardous substances were stored for one year or more and released or disposed of on the property in excess of reportable quantities specified in 40 CFR Part 373. Hazardous substances were released in excess of the 40 CFR 373 at the following sites:

- FTMM-03 Landfill

The release or disposal of these hazardous substances was remediated at the time of the release or as part of the Installation Restoration Program (IRP). See Section 4.1 Environmental Remediation Sites for additional information. A summary of the areas in which hazardous substance activities occurred is provided in Table 2 – Notification of Hazardous Substance Storage, Release or Disposal (Enclosure 4). The CERCLA 120(h)(3) Notice, Description, and Covenant is included at Enclosure 5.

4.3. PETROLEUM AND PETROLEUM PRODUCTS

4.3.1. UNDERGROUND AND ABOVEGROUND STORAGE TANKS

Current UST/AST Sites –

There are no underground storage tanks (USTs) or above-ground Storage Tanks (ASTs) currently existing on the Property.

Former UST/AST Sites –

There were no former USTs or ASTs located on the Property.

4.4. POLYCHLORINATED BIPHENYLS

There is no PCB-containing equipment currently located on the Property nor was PCB-containing equipment ever located on the Property.

4.5. ASBESTOS

There are no buildings on the Property and thus Asbestos Containing Material (ACM) is not located on the property.

4.6. LEAD-BASED PAINT

There are no buildings or other structures located on the Property therefore no lead-based paint (LBP) exists on the Property.

4.7. RADIOLOGICAL MATERIALS

There is no evidence that radioactive material or sources were stored or used on the Property.

4.8. RADON

Radon surveys were conducted in 1991 by the Directorate of Engineering and Housing's Environmental Office as part of the Army's Radon Reduction Program. The survey was conducted for all of Fort Monmouth. Radon detectors were deployed in all structures designated as priority one buildings (daycare centers, hospitals, schools and living areas). Radon was not

detected above the U.S. Environmental Protection Agency residential action level of 4 picocuries per liter in these buildings.

4.9. MUNITIONS AND EXPLOSIVES OF CONCERN

Based on a review of existing records and available information, there is no evidence that Munitions and Explosives of Concern (MEC) are present on the Property.

The term "MEC" means military munitions that may pose unique explosives safety risks, including: (A) unexploded ordnance (UXO), as defined in 10 United States Code (U.S.C.) §101(f)(5); (B) discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (C) munitions constituents (e.g., 2,4,6-Trinitrotoluene (TNT), Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard.

4.10. OTHER PROPERTY CONDITIONS

There is no evidence of an indoor firing range on the Property. There are no other hazardous conditions on the Property that present an unacceptable risk to human health and the environment.

5. ADJACENT PROPERTY CONDITIONS

A portion of the North Drive roadway is located directly south of landfill M3. Wampum Brook lies directly east of landfill M3 and further east are landfills M4, M5 and M8. To the north of the property is Parkers Creek Branch and then further north is a residential area. Landfills M4, M5 and M8 have undergone closure with capping and deed notices will be placed associated with those closures. It is not expected that the landfills will pose an unacceptable risk to the Property and use of such property. The landfill caps will be maintained and any disruptions to the caps will be addressed in accordance with deed notices to be filed when those landfills transfer out of Army control.

An update of the Fort Monmouth electronic database search of environmental records for the Property and surrounding area (off installation) was performed for the 2016 ECP Update Report and an update of this search was not necessary because conditions on the Property and in the area surrounding the Property have not changed materially. Surrounding land uses include residential and commercial properties. Activities associated with these land uses are not likely to result in a recognized environmental condition in connection with the property. Additionally, potential environmental conditions external to the base are not anticipated to have an impact on these areas due to the relative distance to off-base potential sources.

6. ENVIRONMENTAL REMEDIATION AGREEMENTS

There are no environmental remediation agreements specifically applicable to the Property. The deed will include a provision reserving the Army's right to conduct remediation activities if necessary in the future (Enclosure 4).

7. REGULATORY/PUBLIC COORDINATION

The NJDEP and the public were notified of the initiation of this FOST. This draft FOST is being made available for review and comment for 30 days. The document was placed in the Fort Monmouth Environmental Restoration Public Information Repository (the Administrative Record) at the following location: Monmouth County Library, Eastern Branch, 1001 Route 35, Shrewsbury, NJ 07702, Phone: (732) 683-8980.

8. NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE

The environmental impacts associated with the proposed transfer of the Property have been analyzed in accordance with the National Environmental Policy Act (NEPA). The results of this analysis are documented in the *Final Environmental Assessment of the Implementation of the Base Realignment and Closure at Fort Monmouth, New Jersey, March 2009* and the *Finding of No Significant Impact Environmental Assessment of the Disposal and Reuse of Fort Monmouth, New Jersey, February 2010*. There were no encumbrances or conditions identified in the NEPA analysis as necessary to protect human health or the environment.

9. FINDING OF SUITABILITY TO TRANSFER

Based on the above information, I conclude that Parcel 102(C) qualifies as CERCLA §120(h)(4) uncontaminated property and is transferable under that section. In addition, all DoD requirements to reach a finding of suitability to transfer have been met, subject to the terms and conditions set forth in the attached EPPs that shall be included in the deed for the Property. The deed will also include the CERCLA 120(h)(4) Covenant and Access Provisions, as applicable, and the Other Deed Provisions. Whereas no hazardous substances were stored for one year or more, known to have been released, or disposed of on the parcel, a hazardous substance notification is not required for Parcel 102(C).

Based on the above information, I conclude that all removal or remedial actions necessary to protect human health and the environment have been taken at Parcel 44 (the portion including landfill FTMM-03) and Parcel 102(A), and the property is transferable under CERCLA §120(h)(3). In addition, all Department of Defense requirements to reach a finding of suitability to transfer have been met, subject to the terms and conditions set forth in the attached Environmental Protection Provisions that shall be included in the deed for the property (Parcel 44 and Parcel 102(A)). The deed will also include the CERCLA §120(h)(3) Notice, Covenant, and Access Provisions and Other Deed Provisions. Finally, the hazardous substance notification (Table 2) shall be included in the deed as required under the CERCLA §120(h) and DoD FOST Guidance.

_____ _____

Mr. Richard C. Ramsdell Date
Chief, BRAC Branch
U.S. Army Environmental Division
Installation Services Directorate
HQDA/ODCS G-9

6 Enclosures
Encl 1 -- Figures
Encl 2 -- Environmental Documentation
Encl 3 -- Table 1 -- Description of Property
Encl 4 – Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal
Encl 5 -- CERCLA Notice, Covenant, and Access Provisions and Other Deed Provisions
Encl 6 -- Environmental Protection Provisions
Encl 7 – Regulatory and Public Comments
Encl 8 – Army Responses

ENCLOSURE 1

FIGURES

Service Layer Credits: World Topographic Map: State of New Jersey, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

CITY: NOVI, MI DIV: ENV DB: TRY PIC: PM: TM: TR: PROJECT NUMBER: COORDINATE SYSTEM: NAD 1983 StatePlane New Jersey FIPS 2900 Feet
T:_ENV\Novi\Brighton_MI\FortMonmouth\Oceanport\Documents\ECP_PropertyCategory.aprx PLOTTED: 6/5/2025 10:46 AM BY: TYarbrough

LEGEND:

- CATEGORY 1: AREAS WHERE NO RELEASE OR DISPOSAL OF HAZARDOUS SUBSTANCES OR PETROLEUM PRODUCTS HAS OCCURRED (INCLUDING NO MIGRATION OF THESE SUBSTANCES FROM ADJACENT AREAS).
- CATEGORY 2: AREAS WHERE ONLY RELEASE OR DISPOSAL OF PETROLEUM PRODUCTS OR THEIR DERIVATIVES HAS OCCURRED.
- CATEGORY 3: AREAS WHERE RELEASE, DISPOSAL, AND/OR MITIGATION OF HAZARDOUS SUBSTANCES HAS OCCURRED, BUT AT CONCENTRATIONS THAT DO NOT REQUIRE A REMOVAL OR REMEDIAL RESPONSE.
- CATEGORY 4: AREAS WHERE RELEASE, DISPOSAL, AND/OR MITIGATION OF HAZARDOUS SUBSTANCES HAS OCCURRED, AND ALL REMOVAL OR REMEDIAL ACTIONS TO PROTECT HUMAN HEALTH AND THE ENVIRONMENT HAVE BEEN TAKEN.
- CATEGORY 5: AREAS WHERE RELEASE, DISPOSAL, AND/OR MITIGATION OF HAZARDOUS SUBSTANCES HAS OCCURRED, AND REMOVAL OR REMEDIAL ACTIONS ARE UNDERWAY, BUT ALL REQUIRED REMEDIAL ACTIONS HAVE NOT YET BEEN TAKEN.
- CATEGORY 6: AN AREA OR PARCEL OF REAL PROPERTY WHERE RELEASE, DISPOSAL, OR MIGRATION, OR SOME COMBINATION THEREOF, OF HAZARDOUS SUBSTANCES HAS OCCURRED, BUT REQUIRED RESPONSE ACTIONS HAVE NOT YET BEEN INITIATED.
- CATEGORY 7: AREAS THAT ARE NOT EVALUATED OR REQUIRE ADDITIONAL EVALUATIONS.
- TRANSFERRED PROPERTY
- CARVE OUT AREA
- **44** ECP PARCEL NUMBER

0 600 1,200

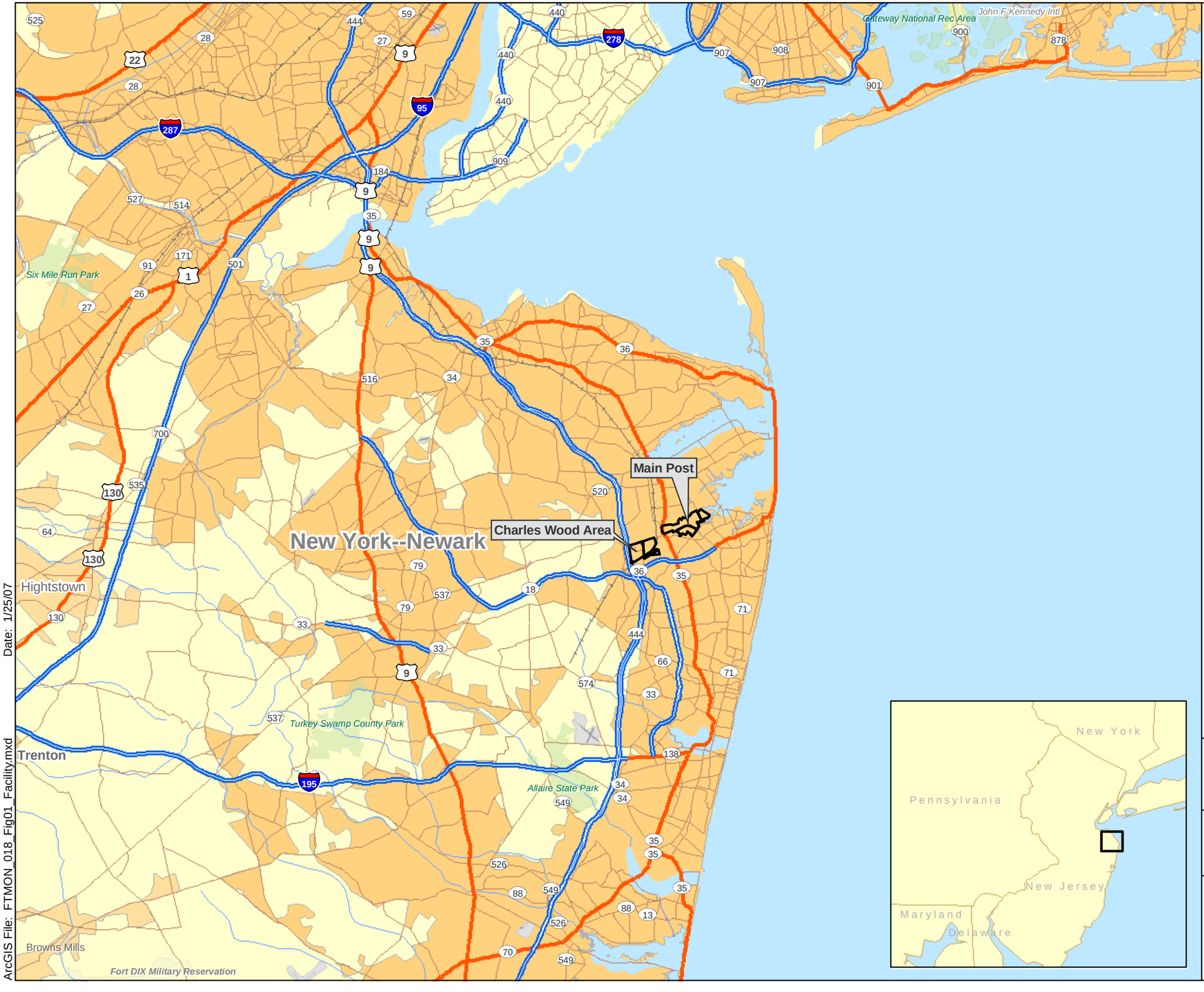
SCALE IN FEET

FORT MONMOUTH
OCEANPORT, NEW JERSEY

ECP PROPERTY CATERGORY MAP

ARCADIS

FIGURE
1



LEGEND

Installation Boundary

N

Scale:

0 2 4 8 Miles

Base Realignment and Closure 2005

U.S. Army Corps of Engineers

FIGURE 2

FACILITY LOCATION MAP

FORT MONMOUTH
NEW JERSEY

Date: 1/25/07

ArcGIS File: FTMON_018_Fig01_Facility.mxd

ENCLOSURE 2

ENVIRONMENTAL DOCUMENTATION

FTMM Report: U.S. Army BRAC 2005 Environmental Condition of Property Report, Fort Monmouth, Monmouth County, New Jersey, January 29, 2007.

FTMM Report: Final Environmental Assessment of the Implementation of Base Realignment and Closure at Fort Monmouth, New Jersey, March 2009.

Finding of No Significant Impact Environmental Assessment of the Disposal and Reuse of Fort Monmouth, New Jersey, February 9, 2010.

FTMM Report: Environmental Condition of Property Update Report, Fort Monmouth, Phase 2 Parcels, March 3, 2016.

FTMM Report: Environmental Condition of Property Update Report, Fort Monmouth, Carve Out Group 2, April 2, 2018.

FTMM Report. Final Remedial Investigation Report for Site FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey, Parsons, February 2016.

FTMM Report: Record of Decision for Landfill Sites FTMM-03, FTMM-04, FTMM-05, FTMM-12, FTMM-14, FTMM-18 and FTMM-25 at Fort Monmouth, July 17, 2017.

FTMM Report. Remedial Action Report Landfill Capping Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey, May 2024.

FTMM Letter. Remedial Action Report Addendum, for FTMM-03 Landfill, January 22, 2025.

FTMM Letter. Fort Monmouth NJ Remedial Action Report Addendum for FTMM-03 Draft Deed Notice, April 15, 2025.

NJDEP Letter. Remedial Action Report: Landfill Capping for Landfill FTMM-03, May 21, 2025.

FTMM Letter. Fort Monmouth New Jersey, Parcels 35 and 102 Carve Out Property Category Determination, January 25, 2018.

FTMM Report: Environmental Condition of Property Update Report, Fort Monmouth, Carve Out Group 7, July 22, 2025.

NJDEP Letter. Carve out Property Category Determination for Parcels 35 and 102, Fort Monmouth, Oceanport, Monmouth County, March 23, 2018.

ENCLOSURE 3

ENCLOSURE 3

TABLE 1 – Description of Property

Building Number and Property Description	ECP Parcel Designation	Condition Category	Remedial Actions
Landfill FTMM-03 and immediately surrounding area	Portion of Parcel 44	4	Parcel 44 includes IRP Sites FTMM-03, 04, 05, 06 and 08. The IRP sites are former landfills (M-3, M-4, M-5 and M-8) and a Burning Area (M-6). The investigation of the M-6 Burning Area was incorporated into field activities for the M-3 landfill. Various investigations have been performed at each of the landfills as well as groundwater investigations. The area covered by this FOST, includes landfill FTMM-03 (M3) and immediately surrounding area. The M3 landfill remedy has been completed with the placement of a vegetative cap. A deed notice limiting future use will be placed when the property is transferred.
Open areas to the west of Landfill FTMM-03	102A	4	Parcel 102 was established to contain the parts of the former Skeet Range that were not covered by the area of Landfill M3 that was planned for remedial action as part of Parcel 44. Parcel 102A located to the west of Landfill M3 were previously open area. This open area was originally considered Category 1 but was subsequently re-categorized as Category 7 due to the potential for Skeet Range impacts (see ECP Report Update March 2016). Subsequently, the area was recategorized to a Category 1 (See ECP Update April 2018). During the remediation of landfill FTMM-03 it was identified that a small portion of landfill FTMM-03 extended into Parcel 102A. The

			portion of 102A with landfill material was addressed with the remedy for M3 landfill and is now considered Category 4.
Area south of Landfill FTMM-03	102C	1	The area to the south of Landfill FTMM-03 (Parcel 102C) was determined to be a Category 1 property as no issues were identified at the property and it was recategorized from a Category 7 to a Category 1 per NJDEP concurrence on March 23, 2018.

ECP Area Type 1: An area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred (including no migration of these substances from adjacent properties).
ECP Area Type 2: Where only the release or disposal of petroleum products or their derivatives has occurred.
ECP Area Type 3: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.
ECP Area Type 4: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken.
ECP Area Type 5: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, and removal or remedial actions, or both, are under way, but all required actions have not yet been taken.
ECP Area Type 6: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but required response actions have not yet been initiated.
ECP Area Type 7: An area or parcel of real property that is unevaluated or requires additional evaluation.

ENCLOSURE 4

ENCLOSURE 4

TABLE 2 – Notification of Hazardous Substances Storage, Release or Disposal

Site Description	Name of Hazardous Substance(s)	Date of Storage, Release, or Disposal	Remedial Actions
Landfill FTMM-03 and immediately surrounding area	Semi-Volatile Organics (SVOCs) Pesticides PCBs Heavy Metals	1959-1964	The PA/SI was conducted from August 1993 through December 1995. The RI Phase (September 1998 to July 2017) was performed to delineate groundwater and soil contaminants of concern. An RI of near surface soils was also conducted. Semi-Volatile Organics (SVOC), pesticides, PCBs, and heavy metals were identified above the NJDEP Non-Residential Direct Contact Soil Remediation Standards at multiple locations. Waste deposits were also observed protruding from the soil cover throughout the landfill. Supplemental investigations were performed in 2015 and an RI Report was submitted to NJDEP in February 2016 and approved on 08 March 2017. No further action for groundwater was approved by NJDEP on 02 June 2017; all monitoring wells were decommissioned in July 2017. NJDEP concurred with the Proposed Plan and Record of Decision signed (signed in July 2017). The Remedial Design was completed in October 2018 and Remedial Action Construction (RA(C)) began in September 2020. RA(C) included the implementation of the presumptive remedy of the placement of a 24-inch soil cap. RA(C) was completed in June 2021. A landfill exceedance extends into Parcel 102A; and a deed restriction will be prepared for this parcel, as the prospective buyer has expressed confirmation to leave exceedance in place.

Open areas to the west of Landfill FTMM-03	Semi-Volatile Organics (SVOCs) Pesticides PCBs Heavy Metals	1959-1964	The PA/SI was conducted from August 1993 through December 1995. The RI Phase (September 1998 to July 2017) was performed to delineate groundwater and soil contaminants of concern. An RI of near surface soils was also conducted. Semi-Volatile Organics (SVOC), pesticides, PCBs, and heavy metals were identified above the NJDEP Non-Residential Direct Contact Soil Remediation Standards at multiple locations. Waste deposits were also observed protruding from the soil cover throughout the landfill. Supplemental investigations were performed in 2015 and an RI Report was submitted to NJDEP in February 2016 and approved on 08 March 2017. No further action for groundwater was approved by NJDEP on 02 June 2017; all monitoring wells were decommissioned in July 2017. NJDEP concurred with the Proposed Plan and Record of Decision signed (signed in July 2017). The Remedial Design was completed in October 2018 and Remedial Action Construction (RA(C)) began in September 2020. RA(C) included the implementation of the presumptive remedy of the placement of a 24-inch soil cap. RA(C) was completed in June 2021. A landfill exceedance extends into Parcel 102A; and a deed restriction will be prepared for this parcel, as the prospective buyer has expressed confirmation to leave exceedance in place.

* The information contained in this notice is required under the authority of regulations promulgated under section 120(h) of the Comprehensive Environmental Response, Liability, and Compensation Act (CERCLA or 'Superfund') 42 U.S.C. §9620(h). This table provides information on the storage of hazardous substances for one year or more in quantities greater than or equal to 1,000 kilograms or the hazardous substance's CERCLA reportable quantity (whichever is greater). In addition, it provides information on the known release of hazardous substances in quantities greater than or equal to the substances CERCLA reportable quantity. See 40 CFR Part 373.

ENCLOSURE 5

CERCLA NOTICE, COVENANT, AND ACCESS PROVISIONS AND OTHER DEED PROVISIONS

The following CERCLA Covenant and Access Provisions, along with the Other Deed Provisions, will be placed in the deed in a substantially similar form to ensure protection of human health and the environment and to preclude any interference with ongoing or completed remediation activities.

For ECP Category 1 Property (Parcel 102C):

I. Property Covered by Covenant and Access Rights Made Pursuant to § 120(h)(4)(D) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(4)(D)):

For Parcel 102C of the Property, the Grantor provides the following covenant and retains the following access rights:

A. Covenant Pursuant to Section 120(h)(4)(D)(i) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9620(h)(4)(D)(i)):

Pursuant to section 120(h)(4)(D)(i) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(4)(D)(i)), the United States warrants that any response action or corrective action found to be necessary after the date of this deed for contamination existing on the Property prior to the date of this deed shall be conducted by the United States.

B. Access Rights Pursuant to §120(h)(4)(D)(ii) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(4)(D)(ii)):

The United States retains and reserves a perpetual and assignable easement and right of access on, over, and through the Property, to enter upon the Property in any case in which an environmental response or corrective action is found to be necessary on the part of the United States, without regard to whether such environmental response or corrective action is on the Property or on adjoining or nearby lands. Such easement and right of access includes, without limitation, the right to perform any environmental investigation, survey, monitoring, sampling, testing, drilling, boring, coring, test-pitting, installing monitoring or pumping wells or other treatment facilities, response action, corrective action, or any other action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this instrument. Such easement and right of access shall be binding on the Grantee and its successors and assigns and shall run with the land.

In exercising such easement and right of access, the United States shall provide the Grantee or its successors or assigns, as the case may be, with reasonable notice of its intent to enter upon the Property and exercise its rights under this clause, which notice may be severely

curtailed or even eliminated in emergency situations. The United States shall use reasonable means to avoid and to minimize interference with the Grantee's and the Grantee's successors' and assigns' quiet enjoyment of the Property. At the completion of work, the work site shall be reasonably restored. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the Property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the Grantee, nor its successors and assigns, for the exercise of the easement and right of access hereby retained and reserved by the United States.

In exercising such easement and right of access, neither the Grantee nor its successors and assigns, as the case may be, shall have any claim at law or equity against the United States or any officer, employee, agent, contractor of any tier, or servant of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this clause: Provided, however, that nothing in this paragraph shall be considered as a waiver by the Grantee and its successors and assigns of any remedy available to them under the Federal Tort Claims Act.

For ECP Category 4 Parcels (Parcel 44 and Parcel 102(A)):

1. Property Covered by Notice, Description, Access Rights, and Covenant Made Pursuant to §120(h)(3)(A) of the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)):

For Part of Parcel 44 and Parcel 102A, the Grantor provides the following notice, description, and covenants and retains the following access rights:

A. Notices Pursuant to §120(h)(3)(A)(i)(I) and (II)) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(I) and (II):

Pursuant to section 120(h)(3)(A)(i)(I) and (II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(I) and (II)), available information regarding the type, quantity, and location of hazardous substances and the time at which such substances were stored, released, or disposed of, as defined in section 120(h) is provided in Exhibit ____, attached hereto and made a part hereof.

B. **Description of Remedial Action Taken, if Any, Pursuant to §120(h)(3)(A)(i)(III) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(III)):**

Pursuant to section 120(h)(3)(A)(i)(III) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(III)), a description of the remedial action taken, if any, on the property is provided in Exhibit ___, attached hereto and made a part hereof.

C. Covenant Pursuant to Sections 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §§ 9620(h)(3)(A)(ii) and (B)):

Pursuant to sections 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §§ 9620(h)(3)(A)(ii) and (B)), the United States warrants that –

(1) All remedial action necessary to protect human health and the environment with respect to any hazardous substances identified pursuant to section 120(h)(3)(A)(i)(I) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 remaining on the Property has been taken before the date of this deed, and

(2) Any additional remedial action found to be necessary after the date of this deed shall be conducted by the United States.

D. Access Rights Pursuant to Section 120(h)(3)(A)(iii) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(iii)):

The United States retains and reserves a perpetual and assignable easement and right of access on, over, and through the Property, to enter upon the Property in any case in which a remedial action or corrective action is found to be necessary on the part of the United States, without regard to whether such remedial action or corrective action is on the Property or on adjoining or nearby lands. Such easement and right of access includes, without limitation, the right to perform any environmental investigation, survey, monitoring, sampling, testing, drilling, boring, coring, test-pitting, installing monitoring or pumping wells or other treatment facilities, response action, corrective action, or any other action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this instrument. Such easement and right of access shall be binding on the Grantee and its successors and assigns and shall run with the land.

In exercising such easement and right of access, the United States shall provide the Grantee or its successors or assigns, as the case may be, with reasonable notice of its intent to enter upon the Property and exercise its rights under this clause, which notice may be severely curtailed or even eliminated in emergency situations. The United States shall use reasonable means to avoid and to minimize interference with the Grantee's and the Grantee's successors' and assigns' quiet enjoyment of the Property. At the completion of work, the work site shall be reasonably restored. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the Property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the Grantee, nor its successors and assigns, for the exercise of the easement and right of access hereby retained and reserved by the United States.

In exercising such easement and right of access, neither the Grantee nor its successors and assigns, as the case may be, shall have any claim at law or equity against the United States or any officer or employee of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this clause: Provided, however, that nothing in this paragraph shall be considered a waiver by the Grantee, its successors and assigns, of any remedy available to them under the Federal Tort Claims Act.

2. OTHER DEED PROVISIONS:

A. "AS IS" CONDITION OF PROPERTY

a.The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property and accepts the condition and state of repair of the Property. The Grantee understands and agrees that the Property is conveyed "AS IS" without any representation, warranty, or guaranty by the Grantor as to the quantity, quality, title, character, condition, size, or kind, or that the same is in a suitable condition or fit to be used for the purpose(s) intended by the Grantee, and no claim for allowance or deduction upon such grounds will be considered.

b.No warranties, either express or implied, are given with regard to the condition of the Property including, without limitation, whether the Property does or does not contain asbestos or lead-based paint. The Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of the Property including, without limitation, any asbestos, lead-based paint, or other conditions on the Property. Any failure of the Grantee to inspect or to exercise due diligence to be fully informed as to the condition of the Property will not constitute grounds for any claim or demand against the Grantor.

c. Nothing in this "As Is" provision shall be construed to modify or negate the Grantor's obligation under the "Covenant Pursuant to §§120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 120(h)(3)(A)(ii) and (B)) or any other statutory obligations.

B.HOLD HARMLESS

a.To the extent authorized by New Jersey law, the Grantee, for itself, its successors and assigns, covenants and agrees to indemnify and hold harmless the Grantor, its officers, agents, and employees from (1) any and all claims, damages, judgments, losses, and costs, including fines and penalties, arising out of the violation of the covenants, conditions, and restrictions in this deed by the Grantee, its successors and assigns, and (2) any and all claims, damages, judgments, losses, and costs arising out of, or in any manner predicated upon, exposure to asbestos, lead-based paint, mold, pesticide, PCBs or other condition on any portion of the Property after the date of the conveyance herein.

b. The Grantee, for itself, its successors and assigns, covenants and agrees that the Grantor shall not be responsible for any costs associated with modification or termination of the covenants, conditions, and restrictions in this deed including, without limitation, any costs associated with

additional investigation or remediation of asbestos, lead-based paint, mold, pesticide, PCBs or other condition on any portion of the Property.

c. Nothing in this "Hold Harmless" provision shall be construed to modify or negate the Grantor's obligations under the "Covenant Pursuant to §§120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 120(h)(3)(A)(ii) and (B))" or any other statutory obligations.

C. POST-TRANSFER DISCOVERY OF CONTAMINATION

a. If an actual or threatened release of a hazardous substance is discovered on the Property after the date of the conveyance herein, the Grantee, its successors or assigns shall be responsible for such release or threatened release of such newly discovered hazardous substance unless the Grantee, its successors or assigns is able to demonstrate that such release or threatened release of a hazardous substance was due to the Grantor's activities, use, or ownership of the Property. If the Grantee, or its successors or assigns believe the newly discovered hazardous substance is due to the Grantor's activities, use, or ownership of the Property, the Grantee, or its successors or assigns shall immediately secure the site and notify the Grantor of the existence of the hazardous substance and the Grantee, or its successors or assigns shall not further disturb or allow the disturbance of such hazardous substance without the prior written permission of the Grantor.

b. The Grantee, for itself, its successors and assigns, as part of the consideration for the conveyance of the Property, hereby releases the Grantor from any liability or responsibility for any claims arising solely out of the release or threatened release of any hazardous substance on the Property occurring after the date of the conveyance herein where such hazardous substance was placed on the Property by the Grantee, or its successors, assigns, employees, invitees, agents, contractors, or any person other than the Grantor after the date of the conveyance herein. This "Post-Transfer Discovery of Contamination" provision shall not affect the Grantor's responsibilities to conduct response actions or corrective actions that are required by applicable laws, rules and regulations, or the Grantor's obligations under the "Covenant Pursuant to Section 120(h)(3)(A)(ii) and B of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(ii) and (B))."

D. ENVIRONMENTAL PROTECTION PROVISIONS

The Environmental Protection Provisions are at Exhibit _____, which is attached hereto and made a part hereof. The Grantee shall neither transfer the property, lease the property, nor grant any interest, privilege, or license whatsoever in connection with the property without the inclusion of the environmental protection provisions contained herein, and shall require the

inclusion of the environmental protection provisions in all further deeds, easements, transfers, leases, or grant of any interest, privilege, or license.

ENCLOSURE 6

ENVIRONMENTAL PROTECTION PROVISIONS

The following conditions, restrictions, and notifications will be placed, in a substantially similar form, in the deed and be incorporated therein by reference in order to ensure protection of human health and the environment.

1. LAND USE RESTRICTIONS

A. The United States Department of the Army has undertaken careful environmental study of the Property and concluded that the land use restriction set forth below are required to ensure protection of human health and the environment for Parcel 44 and Parcel 102(A). The Grantee, its successors or assigns, shall not undertake nor allow any activity on or use of the property that would violate the land use restrictions contained herein.

(1) **Residential Use Restriction.** The Grantee, its successors and assigns, shall not use the Property for residential purposes. For purposes of this provision, residential use includes, but is not limited to, single family or multi-family residences; child care facilities; and nursing home or assisted living facilities; and any type of educational facility for children/young adults in grades kindergarten through 12.

(2) **Ground Water Restriction.** The Grantee, for itself, its successors and assigns, hereby covenants and agrees not to access or use, or allow access to or use of the ground water underlying the Property for any purpose without the prior written approval of the United States Department of the Army**.** For the purpose of this restriction, "ground water" shall have the same meaning as in section 101(12) of the CERCLA. Notwithstanding the foregoing, the following activities and impacts shall be permissible and shall not violate the aforesaid restriction if conducted in compliance with all applicable laws and regulations: (i) dewatering solely because of incidental contact with ground water from construction and/or improvements on the Property; (ii) incidental pumping of ground water associated with preventing moisture from entering a sub-grade structure (i.e., sump pump); and (iii) ground water monitoring wells solely for the purpose of performing environmental sampling and/or monitoring.

(3) **Landfill Restriction.** The Property (Portion of Parcel 44 and Parcel 102(A)) has a landfill. The Grantee, its successors and assigns, shall not conduct or permit others to conduct any excavation activities (i.e. digging, drilling, or any other excavation or disturbance of the land surface or subsurface) or other activities, which may damage the Landfill Parcels soil cover, without prior written approval from the Army and the NJDEP. A site map depicting the location of the landfill is provided as Exhibit 1 (Site Map of Property).

(4) **NJDEP Deed Notice:** These restrictions are further delineated in a deed notice as required by the NJDEP. The Deed Notice is provided as Exhibit 2 and is included as part of this deed and will be recorded with the deed.

B. **Modifying or Terminating the Restrictions.** Nothing contained herein shall preclude the Grantee, its successors or assigns from undertaking, in accordance with applicable laws and regulations and without any cost to the Grantor, such action as would be necessary to allow access to or use of the ground water underlying the Property. Prior to any such use of the ground water restricted under the paragraph above, the Grantee shall consult with and obtain the approval of the Grantor. Upon the Grantee's obtaining the approval of the Grantor, the Grantor agrees to prepare and execute an instrument modifying or terminating, as appropriate, the land use restriction set forth herein. The recordation of any such instrument in the land records of Monmouth County, New Jersey shall be the responsibility of the Property owner and shall be accomplished at no additional cost to the Department of the Army.

C. **Submissions.** The Grantee, its successors and assigns shall submit any requests for modification or termination of the restrictions set forth herein to the Grantor, by first class mail, postage prepaid, addressed as follows:

Grantor:

Office of the Assistant Secretary of the Army (Installations & Environment)
110 Army Pentagon Room 3E464
Washington, D.C. 20310-0110

With a copy to:

U.S. Army Engineer District, New York
26 Federal Plaza, Room 2007 (CENAN-RE-M)
New York, NY 10278

And

NJDEP

2. NOTICE OF THE PRESENCE OF PESTICIDES AND COVENANT

A. The Grantee is hereby notified and acknowledges that registered pesticides have been applied to the Property conveyed herein and may continue to be present thereon. The Grantor and Grantee know of no use of any registered pesticide in a manner (1) inconsistent with its labeling or with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) (7 U.S.C. § 136, et seq.) and other applicable laws and regulations, or (2) not in accordance with its intended purpose.

B. The Grantee covenants and agrees for itself, its successors and assigns that if the Grantee takes any action with regard to the Property, including demolition of structures or any

disturbance or removal of soil that may expose, or cause a release of, a threatened release of, or an exposure to, any such pesticide, the Grantee assumes all responsibility and liability therefor.

ENVIRONMENTAL PROTECTION PROVISIONS EXHIBIT 1

X: 615952.6
Y: 539090.7

PARCEL 102A

NORTHERN BOUNDARY OF PHASE 2 PARCEL SURVEY SECTION A, THE EATOWNTOWN/SHREWSBERRY MUNICIPAL BOUNDARY, AND PARCEL 44 SHARE ALIGNMENT ALONG PARKER'S CREEK BRANCH

69.5

35.5

95.7

FTMM-03 AREA WITHIN PARCEL 102A: 945 SQUARE FEET

PARCEL 44

X: 616661.7
Y: 539270.9

PARKER'S CREEK BRANCH

X: 617032.6
Y: 539405.8

X: 617342.9
Y: 539507.6

RESTRICTED AREA: LANDFILL FTMM-03 (FALLS WITHIN PARCEL 44 AND PARCEL 102A)

X: 616198.3
Y: 538956.9

RESTRICTED AREA DOES NOT EXTEND INTO PARCEL 102B

RESTRICTED AREA DOES NOT EXTEND BEYOND LIMIT OF PARCEL 44

RESTRICTED AREA DOES NOT EXTEND INTO PARCEL 102C

X: 616526.0
Y: 539017.9

PARCEL 102B

NORTH DRIVE

X: 616588.7
Y: 538980.1

X: 616747.9
Y: 539059.7

X: 616801.0
Y: 539141.4

X: 617071.2
Y: 539220.8

PARCEL 102C

WAMPUM BROOK

X: 617228.1
Y: 539120.0

X: 617439.2
Y: 539124.4

LEGEND

- LIMIT OF PAVEMENT
- BUILDING
- LIMIT OF STREAM
- EXTENT OF STREAM/WATWERBODY
- LIMIT OF PHASE 2 PARCEL, SURVEY SECTION A
- PARCEL 44 — LIMIT OF PARCEL EXCEPTED FROM PHASE 2 PARCEL, SURVEY SECTION A
- FTMM-03 — LIMIT OF RESTRICTED AREA
- EXTENTS OF PARCEL 44
- EXTENTS OF PARCEL 102A

NOTES

1. LOCATIONS OF STREAMS AND WATERBODIES FROM UNITED STATES GEOLOGIC SURVEY NATIONAL HYDROGRAPHY DATASET. (STREAMS - HTTPS://NJDEP.MAPS.ARCGIS.COM/HOME/ITEM.HTML?ID=968CB3D2D0134E91A50EE 3855DC91409,WATERBODIES - HTTPS://NJDEP.MAPS.ARCGIS.COM/HOME/ITEM. HTML?ID=C8CE83E44C4B4416BF8BC898EA8CE3B6)
2. ROADS, BUILDINGS, PHASE 2 PARCEL SECTION A, AND ENVIRONMENTAL CARVEOUT PARCELS FROM *ALTA/ACSM LAND TITLE SURVEY*, PREPARED BY LANGAN, DATED 01/22/2015, LAST REVISED 10/11/2019.
3. PHASE TWO PARCEL, SECTION A IS ONE OF THREE WRITTEN DESCRIPTIONS OF REAL PROPERTY IN EXHIBIT A OF THE *QUIT CLAIM DEED, FORMER FORT MONMOUTH MILITARY RESERVATION, PHASE 2 PARCELS EXCEPTING ENVIRONMENTAL SITES, MONMOUTH COUNTY, NEW JERSEY*, EXECUTED OCTOBER 25, 2016. THE QUIT CLAIM DEED TRANSFERRED FROM THE UNITED STATES OF AMERICA TO THE FORT MONMOUTH ECONOMIC REVITALIZATION AUTHORITY THE REAL PROPERTY DESCRIBED IN EXHIBIT A, EXCEPTING THE THE PROPERTY DESCRIBED IN EXHIBIT A-1 (THE ENVIRONMENTAL CARVE OUT PARCELS). THE ENVIRONMENTAL CARVEOUT PARCELS ("PARCELS") WERE RETAINED BY THE ARMY SO THAT THE ARMY COULD CONDUCT ENVIRONMENTAL REMEDIATION.
4. THE PHASE TWO PARCEL, SECTION FALLS WITHIN EATONTOWN, MONMOUTH COUNTY AND OCEANPORT, MONMOUTH COUNTY.
5. ENVIRONMENTAL CARVE OUT PARCELS WHERE LANDFILL FTMM-03 IS PRESENT INCLUDE PARCEL 44 AND PARCEL 102A. LANDFILL FTMM-03 EXTEND TO BUT NOT ONT0 PARCEL 102B AND PARCEL 102C. LANDFILL FTMM-03 ALSO FALLS ENTIRELY WITHIN THE OUTER LIMIT OF EATONTOWN BLOCK 301, LOT 1 (SEE EXHIBIT A-2A).
6. 8C82B9CD19EF4B2992161C41BAB9761C)
7. HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, PROJECTION NEW JERSEY STATE PLANE. VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
8. ALL UNITS ARE IN FEET UNLESS SPECIFIED OTHERWISE.

AECOM

0 100' 200'

GRAPHIC SCALE IN FEET

LANDFILL FTMM-03
PI NUMBER G000000032
OCEANPORT, MONMOUTH COUNTY, NEW JERSEY

DEED NOTICE
PROPERTY MAP: PARCEL 44 AND PARCEL 102A

DATE: NOVEMBER 2024 | DRWN: ALC | **EXHIBIT A-3B**

ENVIRONMENTAL PROTECTION PROVISIONS EXHIBIT 2

New Jersey Department of Environmental Protection
Site Remediation Program

Report Certifications for RCRA GPRA 2020, CERCLA, and Federal Facility Sites

These certifications are to be used for reports submitted for RCRA GPRA 2020, CERCLA, and Federal Facility Sites. The Department has developed guidance for report certifications for RCRA GPRA 2020, CERCLA, and Federal Facility Sites under traditional oversight. The "Person Responsible for Conducting the Remediation Information and Certification" is required to be submitted with each report.

Document: Deed Notice for FTMM-03

Fort Monmouth, New Jersey
Preferred ID: G000000032

PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION

Full Legal Name of the Person Responsible for Conducting the Remediation: Thomas Lineer
Representative First Name: Thomas Representative Last Name: Lineer
Title: BRAC Program Manager
Phone Number: (703) 545-2487 Ext: Fax:
Mailing Address: Pentagon Room 5B112, 600 Army Pentagon
City/Town: Washington State: DC Zip Code: 2310-0600
Email Address: thomas.a.lineer.civ@army.mil

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate, or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Signature: LINEER.THOMAS.ALDEN.1172258375 Digitally signed by LINEER.THOMAS.ALDEN.1172258375
Date: 2025.04.15 09:58:35 -04'00'

Name/Title: Thomas Lineer, BRAC Program Manager Date

DEPARTMENT OF THE ARMY
OFFICE OF THE DEPUTY CHIEF OF STAFF, G-9
600 ARMY PENTAGON
WASHINGTON DC 20310-0600

April 15, 2025

Subject: Fort Monmouth, NJ
Remedial Action Report Addendum for FTMM-03 Landfill
Draft Deed Notice
PI: G000000032

Mr. Ashish Joshi
New Jersey Department of Environmental Protection
Contaminated Site Remediation and Redevelopment
Division of Remediation Management
410 East State Street
P.O. Box 420 Mail Code 401-05M
Trenton, NJ 08625-0420

Dear Mr. Joshi:

The Army is pleased to submit the draft Deed Notice for the Fort Monmouth landfill site FTMM-03. Please let us know if you have any further comments or changes needed. With your comments and/or changes, the Army will finalize the deed notice, and will file it when the property transfers.

Please contact Steve Cardon at 301-789-7467 or steve.cardon@calibresys.com or me at 703-545-2487 or Thomas.A.Lineer.civ@ army.mil if you have any questions or comments.

Sincerely,

LINEER.THOMAS.ALDEN.1172258375 Digitally signed by LINEER.THOMAS.ALDEN.1172258375 Date: 2025.04.15 09:56:35 -04'00'

Thomas A. Lineer
BRAC Program Manager
Army Environmental Division
Installation Services Directorate

Enclosure

Cc: Joseph Fallon, FMERA (electronically)
Steve Cardon, BRAC Environmental Coordinator (electronically)

Return Address:
U.S. Army Base Realignment and Closure (BRAC)
Attn: Thomas Lineer, Program Manager
Pentagon Room 5B112 600 Army Pentagon
Washington, DC 20301

_____
Instrument Number

DEED NOTICE

IN ACCORDANCE WITH N.J.S.A. 58:10B-13, THIS DOCUMENT IS TO BE RECORDED IN THE SAME MANNER AS ARE DEEDS AND OTHER INTERESTS IN REAL PROPERTY.

Prepared by: _____
[Signature]

_____
[Print name below signature]

Recorded by: _____
[Signature, Officer of County Recording Office]

_____
[Print name below signature]

DEED NOTICE

This Deed Notice is made as of the _____ day of _____, ____, by the United States of America (together with his/her/its/their successors and assigns, collectively "Owner").

1. THE PROPERTY. The United States of America, with an address of 26 Federal Plaza, New York is the owner in fee simple of certain real property designated Parcel 102A (lying within a portion of Block 301 Lot 1, on the tax map of the Borough of Eatontown, Monmouth County) and Parcel 44 (lying within a portion of Block 301 Lot 1, on the tax map of the Borough of Eatontown, Monmouth County); the New Jersey Department of Environmental Protection Program Interest Number (Preferred ID) for the contaminated site which includes this property is G000000032; and the property is more particularly described in Exhibit A, which is attached hereto and made a part hereof (the "Property").

2. REMEDIATION.

i. The New Jersey Department of Environmental Protection has approved this Deed Notice as an institutional control for the Property, which is part of the remediation of the Property.

ii. The Property was remediated under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9601 et. seq.) by the United States Department of the Army. Any future soil remediation activities will be conducted by the then Owner in accordance with N.J.A.C. 7:26C-7 which requires the Owner, among other persons, to obtain a soil remedial action permit for the soil remedial action at the Property.

3. SOIL CONTAMINATION. The United States Army has remediated contaminated soil at the Property, such that soil contamination remains at certain areas of the Property that contains contaminants in concentrations that do not allow for the unrestricted use of the Property. Such soil contamination is described, including the type, concentration and specific location of such contamination, and the existing engineering controls on the site are described, in Exhibit B, which is attached hereto and made a part hereof. As a result, there is a statutory requirement for this Deed Notice and engineering controls in accordance with N.J.S.A. 58:10B-13.

4. CONSIDERATION. In accordance with the remedial action for the site which included the Property, and in consideration of the terms and conditions of that remedial action, and other good and valuable consideration, Owner has agreed to subject the Property to certain statutory and regulatory requirements that impose restrictions upon the use of the Property, to restrict certain uses of the Property, and to provide notice to subsequent owners, lessors, lessees and operators of the Property of the restrictions and the monitoring, maintenance, and biennial certification requirements outlined in this Deed Notice and required by law, as set forth herein.

5A. RESTRICTED AREAS. Due to the presence of contamination remaining at concentrations that do not allow for unrestricted use, the Owner has agreed, as part of the remedial action for the Property, to restrict the use of certain parts of the Property (the "Restricted Areas"); a narrative description of these restrictions is provided in Exhibit C, which is attached hereto and made a part hereof. The Owner has also agreed to maintain a list of these restrictions on site for inspection by governmental officials.

5B. RESTRICTED LAND USES. The following statutory land use restrictions apply to the Restricted Areas:

i. The Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-12.g(10), prohibits the conversion of a contaminated site, remediated to non-residential soil remediation standards that require the maintenance of engineering or institutional controls, to a child care facility, or public, private, or charter school without the Department's prior written approval, unless a presumptive remedy is implemented; and

ii. The Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-12.g(12), prohibits the conversion of a landfill, with gas venting systems and or leachate collection systems, to a single family residence or a child care facility ~~without the Department's prior written approval.~~

5C. ENGINEERING CONTROLS. Due to the presence and concentration of these contaminants, the Owner has also agreed, as part of the remedial action for the Property, to the placement of certain engineering controls on the Property; a narrative description of these engineering controls is provided in Exhibit C.

6A. CHANGE IN OWNERSHIP AND REZONING.

i. The Owner and the subsequent owners, lessors, and lessees, shall cause all leases, grants, and other written transfers of an interest in the Restricted Areas to contain a provision expressly requiring all holders thereof to take the Property subject to the restrictions contained herein and to comply with all, and not to violate any of the conditions of this Deed Notice. Nothing contained in this Paragraph shall be construed as limiting any obligation of any person to provide any notice required by any law, regulation, or order of any governmental authority.

ii. The Owner and the subsequent owners shall provide written notice to the Department of Environmental Protection on a form provided by the Department and available at www.nj.gov/srp/forms within 30 calendar days after the effective date of any conveyance, grant, gift, or other transfer, in whole or in part, of the Owner's or subsequent owner's interest in the Restricted Area.

iii. The Owner and the subsequent owners shall provide written notice to the Department, on a form available from the Department at www.nj.gov/srp/forms, within thirty (30) calendar days after the owner's petition for or filing of any document initiating a rezoning of the Property to residential.

6B. SUCCESSORS AND ASSIGNS. This Deed Notice shall be binding upon Owner and upon Owner's successors and assigns, and subsequent owners, lessors, lessees and operators while each is an owner, lessor, lessee, or operator of the Property.

7A. ALTERATIONS, IMPROVEMENTS, AND DISTURBANCES.

i. The Owner and all subsequent owners, lessors, and lessees shall notify any person, including, without limitation, tenants, employees of tenants, and contractors, intending to conduct invasive work or excavate within the Restricted Areas, of the nature and location of contamination in the Restricted Areas, and, of the precautions necessary to minimize potential human exposure to contaminants.

ii. Except as provided in Paragraph 7B, below, no person shall make, or allow to be made, any alteration, improvement, or disturbance in, to, or about the Property which disturbs any engineering control at the Property without first retaining a licensed site

remediation professional. Nothing herein shall constitute a waiver of the obligation of any person to comply with all applicable laws and regulations including, without limitation, the applicable rules of the Occupational Safety and Health Administration.

iii. A soil remedial action permit modification is required for any permanent alteration, improvement, or disturbance and the owner, lessor, lessee or operator shall submit the following within 30 days after the occurrence of the permanent alteration, improvement, or disturbance:

(A) A Remedial Action Workplan or Linear Construction Project notification and Final Report Form, whichever is applicable;

(B) A Remedial Action Report and Termination of Deed Notice Form; and

(C) A revised recorded Deed Notice with revised Exhibits, and Remedial Action Permit or Permit Modification or Remedial Action Permit Termination form and Remedial Action Report.

iv. No owner, lessor, lessee or operator shall be required to obtain a Remedial Action Permit or Permit Modification for any temporary alteration, improvement, or disturbance, provided that the site is restored to the condition described in the Exhibits to this Deed Notice, and the owner, lessee, or operator complies with the following:

(A) Restores any disturbance of an engineering control to pre-disturbance conditions within 60 calendar days after the initiation of the alteration, improvement or disturbance;

(B) Ensures that all applicable worker health and safety laws and regulations are followed during the alteration, improvement, or disturbance, and during the restoration;

(C) Ensures that human exposure to contamination in excess of the remediation standards does not occur; and

(D) Describes, in the next biennial certification the nature of the temporary alteration, improvement, or disturbance, the dates and duration of the temporary alteration, improvement, or disturbance, the name of key individuals and their affiliations conducting the temporary alteration, improvement, or disturbance, the notice the Owner gave to those persons prior to the disturbance.

7B. EMERGENCIES. In the event of an emergency which presents, or may present, an unacceptable risk to the public health and safety, or to the environment, or an immediate environmental concern, see N.J.S.A. 58:10C-2, any person may temporarily breach an engineering control provided that that person complies with each of the following:

i. Immediately notifies the Department of Environmental Protection of the emergency, by calling the DEP Hotline at 1-877-WARNDEP or 1-877-927-6337;

ii. Hires a Licensed Site Remediation Professional (unless the Restricted Areas includes an unregulated heating oil tank) to respond to the emergency;

iii. Limits both the actual disturbance and the time needed for the disturbance to the minimum reasonably necessary to adequately respond to the emergency;

iv. Implements all measures necessary to limit actual or potential, present or future risk of exposure to humans or the environment to the contamination;

v. Notifies the Department of Environmental Protection when the emergency or immediate environmental concern has ended by calling the DEP Hotline at 1-877-WARNDEP or 1-877-927-6337;

vi. Restores the engineering control to the pre-emergency conditions as soon as possible; and

vii. Submits to the Department of Environmental Protection within 60 days after completion of the restoration of the engineering control, a report including: (a) the nature and likely cause of the emergency; (b) the measures that have been taken to mitigate the effects of the emergency on human health and the environment; (c) the measures completed or implemented to restore the engineering control; and (d) any changes to the engineering control or site operation and maintenance plan to prevent reoccurrence of such conditions in the future.

8. TERMINATION OF DEED NOTICE.

i. This Deed Notice may be terminated only upon recording a Department-approved Termination of Deed Notice, available at N.J.A.C. 7:26C Appendix C, with the office of the Office of Records Management, a Division of the Monmouth County Clerk's Office of Monmouth County, New Jersey, expressly terminating this Deed Notice.

ii. Within 30 calendar days after recording a Department-approved Termination of Deed Notice, the owner of the property should apply to the Department for termination of the soil remedial action permit (if present) pursuant to N.J.A.C. 7:26C-7.

9. ACCESS. The Owner, and the subsequent owners, lessors, lessees, and operators agree to allow the Department, its agents and representatives access to the Property to inspect and evaluate the continued protectiveness of the remedial action that includes this Deed Notice and to conduct additional remediation to ensure the protection of the public health and safety and of the environment if the subsequent owners, lessors, lessees, and operators, during their ownership, tenancy, or operation, and the Owner fail to conduct such remediation pursuant to this Deed Notice as required by law. The Owner, and the subsequent owners, lessors, and lessees, shall also cause all leases, subleases, grants, and other written transfers of an interest in the Restricted Areas to contain a provision expressly requiring that all holders thereof provide such access to the Department.

10. ENFORCEMENT OF VIOLATIONS.

i. This Deed Notice itself is not intended to create any interest in real estate in favor of the Department of Environmental Protection, nor to create a lien against the Property, but merely is intended to provide notice of certain conditions and restrictions on the Property and to reflect the regulatory and statutory obligations imposed as a conditional remedial action for this site.

ii. The restrictions provided herein may be enforceable solely by the Department against any person who violates this Deed Notice. To enforce violations of this Deed Notice, the Department may initiate one or more enforcement actions pursuant to N.J.S.A. 58:10-23.11, and N.J.S.A. 58:10C, and require additional remediation and assess damages pursuant to N.J.S.A. 58:10-23.11, and N.J.S.A. 58:10C.

11. SEVERABILITY. If any court of competent jurisdiction determines that any provision of this Deed Notice requires modification, such provision shall be deemed to have been modified automatically to conform to such requirements. If a court of competent jurisdiction determines that any provision of this Deed Notice is invalid or unenforceable and the provision is of such a nature that it cannot be modified, the provision shall be deemed deleted from this instrument as though the provision had never been included herein. In either case, the remaining provisions of this Deed Notice shall remain in full force and effect.

12A. EXHIBIT A. Exhibit A includes the following maps of the Property and the vicinity:

i. Exhibit A-1: Vicinity Map - A map that identifies by name the roads, and other important geographical features in the vicinity of the Property (for example, USGS Quad map, Hagstrom County Maps);

ii. Exhibit A-2: Metes and Bounds Description - A tax map of lots and blocks as wells as metes and bounds description of the Property, including reference to tax lot and block numbers for the Property;

iii. Exhibit A-3: Property Map - A scaled map of the Property, scaled at one inch to 200 feet or less, and if more than one map is submitted, the maps shall be presented as overlays, keyed to a base map; and the Property Map shall include diagrams of major surface topographical features such as buildings, roads, and parking lots.

12B. EXHIBIT B. Exhibit B includes the following descriptions of the Restricted Areas:

i. Exhibit B-1: Restricted Area Map -- A separate map for each restricted area that includes:

(A) As-built diagrams of each engineering control, including caps, fences, slurry walls, (and, if any) ground water monitoring wells, extent of the ground water

classification exception area, pumping and treatment systems that may be required as part of a ground water engineering control in addition to the deed notice;

(B) As-built diagrams of any buildings, roads, parking lots and other structures that function as engineering controls; and

(C) Designation of all soil and all upland sediment sample locations within the restricted areas that exceed any soil standard that are keyed into one of the tables described in the following paragraph.

ii. Exhibit B-2: Restricted Area Data Table - A separate table for each restricted area that includes either (A) or (B) through (F):

(A) Only for historic fill extending over the entire site or a portion of the site and for which analytical data are limited or do not exist, a narrative that states that historic fill is present at the site, a description of the fill material (e.g., ash, cinders, brick, dredge material), and a statement that such material may include, but is not limited to, contaminants such as PAHs and metals;

(B) Sample location designation from Restricted Area map (Exhibit B-1);

(C) Sample elevation based upon mean sea level;

(D) Name and chemical abstract service registry number of each contaminant with a concentration that exceeds the unrestricted use standard;

(E) The restricted and unrestricted use standards for each contaminant in the table; and

(F) The remaining concentration of each contaminant at each sample location at each elevation.

12C. EXHIBIT C. Exhibit C includes narrative descriptions of the institutional controls and engineering controls as follows:

i. Exhibit C-1: Deed Notice as Institutional Control: Exhibit C-1 includes a narrative description of the restriction and obligations of this Deed Notice that are in addition to those described above, as follows:

(A) Description and estimated size in acres of the Restricted Areas as described above;

(B) Description of the restrictions on the Property by operation of this Deed Notice; and

(C) The objective of the restrictions.

ii. Exhibit C-2: Vegetative Landfill Cap: Exhibit C-2 includes a narrative description of the Vegetative Landfill Cap as follows:

(A) Description of the engineering control;

(B) The objective of the engineering control; and

(C) How the engineering control is intended to function.

13. SIGNATURES. IN WITNESS WHEREOF, Owner has executed this Deed Notice as of the date first written above.

[If Owner is an individual]

WITNESS: _____
[Signature]

_____
[Print name below signature]

STATE OF [State where document is executed] SS.:
COUNTY OF [County where document is executed]

I certify that on _____, 20__, [Name of Owner] personally came before me, and this person acknowledged under oath, to my satisfaction, that this person [or if more than one person, each person]

(a) is named in and personally signed this document; and

(b) signed, sealed and delivered this document as his or her act and deed.

_____

_____, Notary Public
[Print Name and Title]

13. SIGNATURES. IN WITNESS WHEREOF, Owner has executed this Deed Notice as of the date first written above.

[*If Owner is a general or limited partnership*]
WITNESS: [*Name of partnership*]

_____ By:_____, General Partner
[*Signature*] [*Signature*]

_____ _____
[*Print name and title*] [*Print name*]

STATE OF [*State where document is executed*] SS.:
COUNTY OF [*County where document is executed*]

I certify that on _____, 20___, [*Name of person executing document on behalf of owner partnership*] personally came before me, and this person acknowledged under oath, to my satisfaction, that this person:

(a) Is a general partner of [*Owner*], the partnership named in this document;

(b) Signed, sealed and delivered this document as his or her act and deed in his capacity as a general partner of [*Owner*]; and

(c) This document was signed and delivered by such partnership as its voluntary act, duly authorized.

_____, Notary Public
[*Signature*]

_____
[*Print name*]

14. SIGNATURES. IN WITNESS WHEREOF, Owner has executed this Deed Notice as of the date first written above.

[If Owner is a corporation]

ATTEST: [Name of corporation]

_____ By_____

_____ _____
[Print name and title] [Signature]

STATE OF [State where document is executed] SS.:

COUNTY OF [County where document is executed]

I certify that on _____, 20__, [Name of person executing document on behalf of Owner] personally came before me, and this person acknowledged under oath, to my satisfaction, that:

(a) this person is the [secretary/assistant secretary] of [Owner], the corporation named in this document;

(b) this person is the attesting witness to the signing of this document by the proper corporate officer who is the [president/vice president] of the corporation;

(c) this document was signed and delivered by the corporation as its voluntary act and was duly authorized;

(d) this person knows the proper seal of the corporation which was affixed to this document; and

(e) this person signed this proof to attest to the truth of these facts.

_____
[Signature]

_____
[Print name and title of attesting witness]

Signed and sworn before me on _____, 20__

_____, Notary Public

_____
[Print name and title]

EXHIBIT A

EXHIBIT A

Exhibit A includes the following maps of the subject property and the vicinity, as specified per New Jersey Department of Environmental Protection (NJDEP) in Appendix B of the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS) in N.J.A.C. 7:26C.

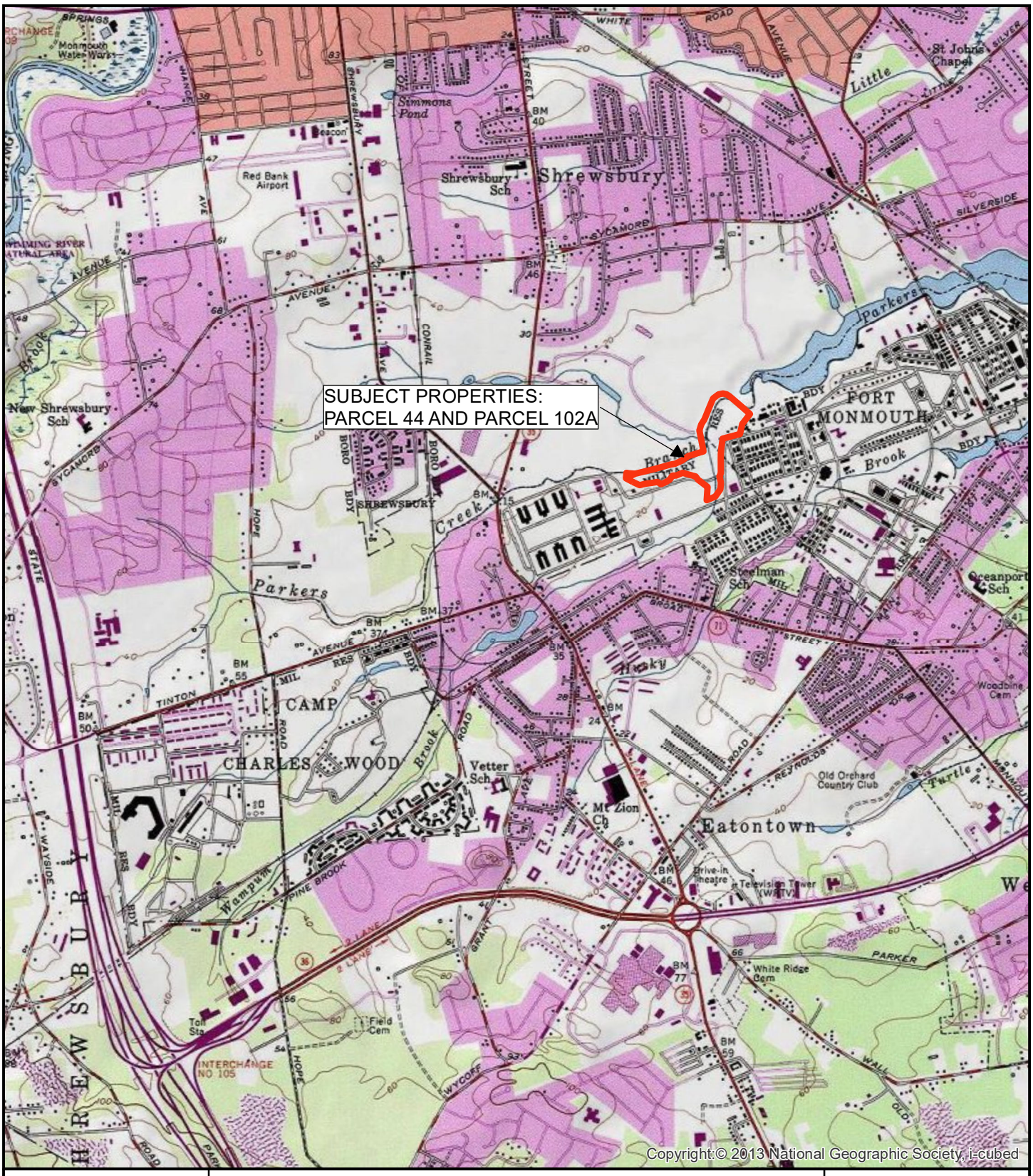
i. Exhibit A-1: Vicinity Map

ii. Exhibits A-2A: The tax map showing Block 301, portion of Lot 1, within which Parcel 102A and a portion of Parcel 44 fall.

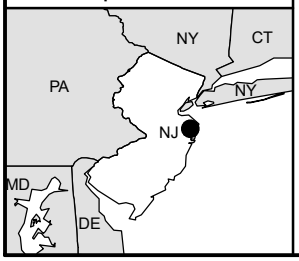
iii. Exhibits A-2B and A-2C: Metes and bounds description of the subject properties (Parcel 44, which exists within a portion of Block 301, a portion of Lot 1 and Block 110, Lot 1, and Parcel 102A, which exist entirely within Block 301, portion of Lot 1) and meets and bounds of restricted area.

iv. Exhibits A-3-1 and A-3-2: Property maps for the subject properties (Parcel 44 and Parcel 102A) with the restricted area's location, adjacent parcels, adjacent roadways, paved areas, buildings, and streams.

Exhibit A-1: Vicinity Map



Map Location



VICINITY MAP

PARCEL 44 AND PARCEL 102A
EATONTOWN, MONMOUTH COUNTY, NJ

0 1,250 2,500 5,000 7,500 Feet

Map Projection: NJ, State Plane, NAD 83, Feet.
Image Source: USGS Topographic Quadrangles
Scale: 1 inch = 2,500 feet Contour Interval: 20 feet

AECOM

EXHIBIT A-1
Date: September 2024
Project #: 60589072

C:\AECOM\AECOM\FTMM - General\900 CAD\920 GIS\MXD\RARs\Vicinity Map MP DN.mxd

Exhibit A-2A: Tax Map

REVISIONS				
DATE	BY	LIC.NO	BLOCK	LOT
05/04/05	ARH	17775		
09/2010	ROBERT R. HEGGAN–ARH	17775	302	16,16.01

* THIS SHEET HAS BEEN DRAWN USING COMPUTER AIDED DRAFTING/ DESIGN (CAD/D) AND COORDINATE GEOMETRY (COGO).

SHEET 2

SHEET 4

SHEET 9

SHEET 10

SHEET 11

BOROUGH OF SHREWSBURY
MONMOUTH COUNTY

BOROUGH OF OCEANPORT
MONMOUTH COUNTY

1
216.85 Ac±
Total
EXEMPT
FORT MONMOUTH
U.S. GOVERNMENT

TINTON AVENUE

STATE HIGHWAY

ROUTE 35

WAMPUM BROOK

WEST STREET

LEWIS STREET

THROCKMORTON AVENUE

WHITE STREET

KELLYS LANE

BYRNES LANE

BROAD STREET

ROSE COURT

COLLEGE AVENUE

ACADEMY AVENUE

MATCH LINE

301

302

303

304

1.01
EXEMPT
FT MONMOUTH
ECONOMIC
REVITALIZATION

1.04
4.71 Ac±
EXEMPT
BOROUGH OF EATONTOWN

15.01
2.07 Ac±

DETAIL "A"
SCALE: 1" = 100'

THIS MAP HAS BEEN GIVEN A FORMAL CERTIFICATION BY THE DIVISION OF TAXATION ON OCTOBER 18, 2004, SIGNED BY SANTO C. DiDONATO, CTA AND ASSIGNED SERIAL NUMBER 843

TAX MAP
BOROUGH OF EATONTOWN

MONMOUTH COUNTY
SCALE: 1" = 200'

NEW JERSEY
DATE: AUGUST 2002

ROBERT R. HEGGAN
PROFESSIONAL LAND SURVEYOR
NEW JERSEY LICENSE NO. 17775
850 SO. WHITE HORSE PIKE
HAMMONTON, NEW JERSEY 08037
COA# 24GA27973300

TO SHOW CONDITIONS AS OF JUNE 2022

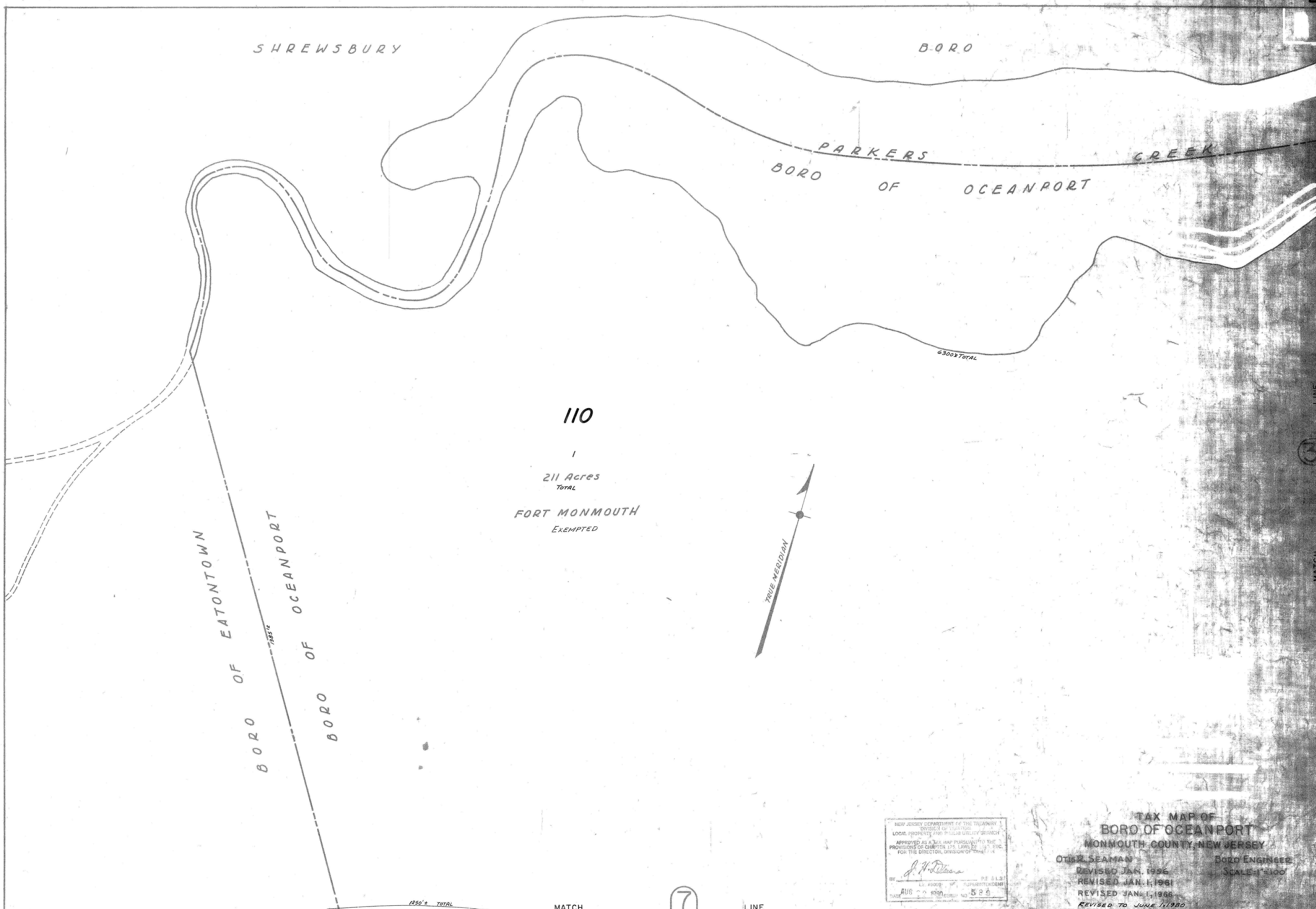

SHREWSBURY
BORO
PARKERS
CREEK
BORO
OF
OCEANPORT
6300'± TOTAL
110
1
211 Acres
TOTAL
FORT MONMOUTH
EXEMPTED
TRUE MERIDIAN
BORO
OF
EATONTOWN
1385'±
BORO
OF
OCEANPORT
MATCH
3
LINE
1250'± TOTAL
MATCH
7
LINE
NEW JERSEY DEPARTMENT OF THE TREASURY
DIVISION OF TAXATION
LOCAL PROPERTY AND PUBLIC UTILITY BRANCH
APPROVED AS A TAX MAP PURSUANT TO THE
PROVISIONS OF CHAPTER 175, LAWS OF ETC.
FOR THE DIRECTOR, DIVISION OF TAXATION
BY P.E & L.S.
Lic. #5009 SUPERINTENDENT
DATE AUG 1990 SERIAL NO. 589
TAX MAP OF
BORO OF OCEANPORT
MONMOUTH COUNTY, NEW JERSEY
OTIS R. SEAMAN
BORO ENGINEER
SCALE: 1"=100'
REVISED JAN. 1956
REVISED JAN. 1, 1961
REVISED JAN. 1, 1966
REVISED TO JUNE 1, 1980
REVISED TO OCT 31, 1982

Exhibit A-2B: Metes and Bounds Descriptions for Subject Property

October 12, 2015
Revised September 2, 2016
100291701

WRITTEN DESCRIPTION
PARCEL 44 (FTMM 03, 04, 05, 08)
BLOCK 301, PORTION OF LOT 1
IN THE BOROUGH OF EATONTOWN
MONMOUTH COUNTY, NEW JERSEY

COMMENCING at a point on the easterly line of New Jersey State Highway Route 35, various widths (also known as Main Street) at its intersection with the division line between lands of the Fort Monmouth Economic Revitalization Authority (FMERA) as described in Deed Book OR-9070 Page 9803 as "Parcel B" (Block 301 Lot 1) and lands now or formerly of Storage Partners of Eatontown, LLC as described in Deed Book 5723 Page 898 (Block 301 Lot 2); thence

A) Along said division line, North 26°57'34" East, a distance of 181.96 feet to a bend point therein; thence
B) Still along same, North 67°55'52" East, a distance of 1,194.57 feet to a point; thence
C) Through lands of the United States of America as described in Deed Book 1152 Page 199, North 20°44'59" East, a distance of 1,481.28 feet to the true Point of Beginning, and continuing to run through said lands of the United States of America the following courses; thence

1. North 62°44'23" East, a distance of 183.54 feet to a point; thence
2. North 76°26'19" East, a distance of 388.91 feet to a point; thence
3. North 74°21'37" East, a distance of 273.99 feet to a point; thence
4. North 79°53'16" East, a distance of 89.22 feet to a point; thence
5. North 65°03'35" East, a distance of 143.97 feet to a point; thence
6. North 55°23'15" East, a distance of 138.83 feet to a point; thence
7. North 73°11'58" East, a distance of 287.90 feet to a point; thence
8. North 11°19'29" West, a distance of 183.63 feet to a point; thence
9. North 10°31'34" West, a distance of 207.34 feet to a point; thence
10. North 15°07'26" East, a distance of 111.21 feet to a point; thence
11. North 32°04'19" East, a distance of 111.78 feet to a point; thence
12. North 22°23'39" East, a distance of 240.82 feet to a point; thence
13. North 23°17'50" East, a distance of 174.21 feet to a point; thence
14. North 53°40'40" East, a distance of 126.37 feet to a point; thence
15. North 81°30'32" East, a distance of 81.82 feet to a point; thence
16. South 77°21'10" East, a distance of 65.56 feet to a point; thence
17. South 59°28'59" East, a distance of 60.32 feet to a point; thence
18. South 48°28'08" East, a distance of 309.22 feet to a point; thence
19. South 50°40'14" East, a distance of 185.50 feet to a point; thence
20. South 36°20'47" West, a distance of 236.31 feet to a point; thence
21. South 14°13'16" West, a distance of 183.47 feet to a point; thence
22. South 74°50'52" West, a distance of 328.34 feet to a point; thence

23. South 07°39'46" West, a distance of 186.03 feet to a point; thence
24. South 02°17'06" West, a distance of 106.21 feet to a point; thence
25. South 00°18'47" East, a distance of 129.47 feet to a point; thence
26. South 00°44'30" West, a distance of 214.64 feet to a point; thence
27. South 25°18'44" West, a distance of 63.08 feet to a point; thence
28. South 17°28'57" East, a distance of 104.76 feet to a point; thence
29. South 08°58'21" West, a distance of 45.40 feet to a point; thence
30. South 01°03'39" West, a distance of 84.98 feet to a point; thence
31. South 35°37'54" West, a distance of 167.46 feet to a point; thence
32. South 67°51'07" West, a distance of 169.04 feet to a point; thence
33. North 04°43'00" East, a distance of 239.20 feet to a point; thence
34. North 54°09'44" West, a distance of 87.34 feet to a point; thence
35. North 49°45'49" West, a distance of 133.98 feet to a point; thence
36. North 38°18'20" West, a distance of 67.35 feet to a point; thence
37. North 75°20'47" West, a distance of 255.79 feet to a point; thence
38. South 69°11'36" West, a distance of 122.59 feet to a point; thence
39. North 90°00'00" West, a distance of 68.95 feet to a point; thence
40. South 31°04'18" West, a distance of 95.14 feet to a point; thence
41. South 59°35'28" West, a distance of 79.33 feet to a point; thence
42. South 66°31'07" West, a distance of 99.00 feet to a point; thence
43. North 59°50'50" West, a distance of 78.47 feet to a point; thence
44. South 82°32'28" West, a distance of 100.91 feet to a point; thence
45. South 82°34'59" West, a distance of 126.26 feet to a point; thence
46. South 72°14'21" West, a distance of 99.57 feet to a point; thence
47. North 62°10'51" West, a distance of 280.61 feet to the Point of Beginning.

Encompassing an area of 27.794 acres, more or less.

This description is prepared in accordance with a plan entitled "ALTA/ACSM Land Title Survey Block 301, Lot 1 (Eatontown), Block 104, Lots 4 & 6 (Oceanport), Fort Monmouth Phase Two Parcel Environmental Carve-Out Parcels, Borough of Eatontown, Borough of Oceanport, Monmouth County, New Jersey", prepared by Langan Engineering and Environmental Services, Inc. Elmwood Park, New Jersey, sheet number VL-102, dated November 20, 2014 and last revised August 29, 2016.

9-07-16

Gary A. Veenstra
Professional Land Surveyor
N.J. License No. GS2403721300

October 12, 2015
Revised September 2, 2016
100291701

WRITTEN DESCRIPTION
PARCEL 102A
BLOCK 301, PORTION OF LOT 1
IN THE BOROUGH OF EATONTOWN
MONMOUTH COUNTY, NEW JERSEY

COMMENCING at a point on the easterly line of New Jersey State Highway Route 35, various widths (also known as Main Street) at its intersection with the division line between lands of the Fort Monmouth Economic Revitalization Authority (FMERA) as described in Deed Book OR-9070 Page 9803 as "Parcel B" (Block 301 Lot 1) and lands now or formerly of Storage Partners of Eatontown, LLC as described in Deed Book 5723 Page 898 (Block 301 Lot 2); thence

A) Along said division line, North 26°57'34" East, a distance of 181.96 feet to a bend point therein; thence
B) Still along same, North 67°55'52" East, a distance of 1,194.57 feet to a point; thence
C) Through lands of the United States of America as described in Deed Book 1152 Page 199, North 20°44'59" East, a distance of 1,481.28 feet to the true Point of Beginning, and continuing to run through said lands of the United States of America the following courses; thence

1. North 05°07'29" East, a distance of 98.56 feet to a point; thence
2. South 78°29'53" East, a distance of 50.58 feet to a point; thence
3. South 87°48'26" East, a distance of 104.86 feet to a point; thence
4. South 62°44'23" West, a distance of 183.54 feet to a point; thence

Encompassing an area of 0.166 acres, more or less.

This description is prepared in accordance with a plan entitled "ALTA/ACSM Land Title Survey Block 301, Lot 1 (Eatontown), Block 104, Lots 4 & 6 (Oceanport), Fort Monmouth Phase Two Parcel Environmental Carve-Out Parcels, Borough of Eatontown, Borough of Oceanport, Monmouth County, New Jersey", prepared by Langan Engineering and Environmental Services, Inc. Elmwood Park, New Jersey, sheet number VL-102, dated November 20, 2014 and last revised August 29, 2016.

9-07-16

Gary A. Veenstra
Professional Land Surveyor
N.J. License No. GS2403721300

g:\data7\100291701\survey data - 100291701\office data\descriptions\main post carve-outs\100291701-parcel-102a.docx

Exhibit A-2C: Metes and Bounds Description for the Restricted Areas

WRITTEN DESCRIPTION
PART OF PARCEL 10A AND PARCEL 44
RESTRICTED AREA: LANDFILL FTMM-03
BOROUGH OF EATONTOWN, MONMOUTH COUNTY, NJ

All that certain parcel or tract of land situate, lying and being in the Borough of Eatontown, County of Monmouth, State of New Jersey, and being more fully described as follows:

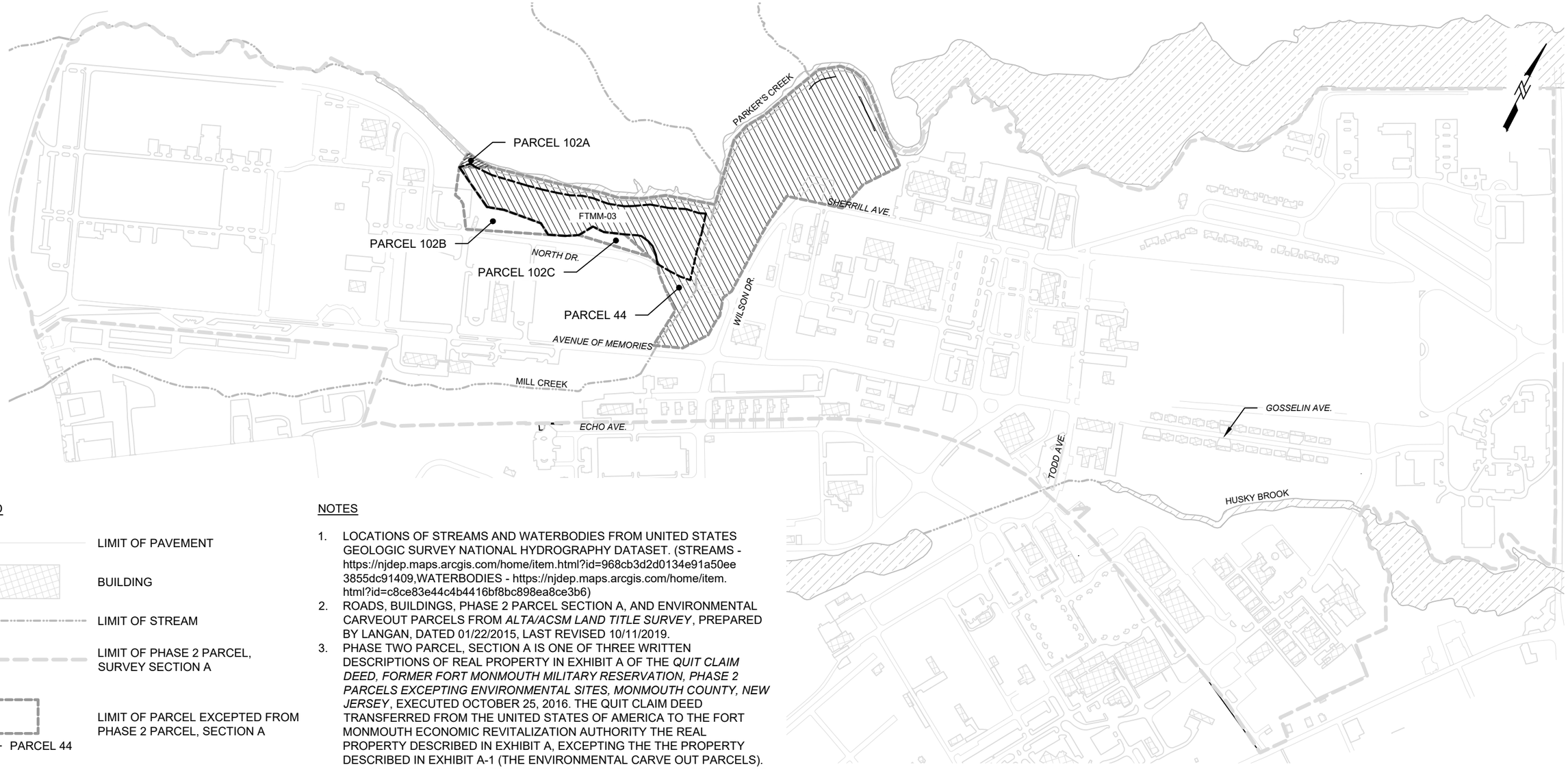
Beginning at western most point of Parcel 102A within the Borough of Eatontown; thence

1. North 45°54'46" East, 69.48 feet to a point of non-tangency; thence
2. South 80°47'20" East, 28.90 feet to a point of non-tangency; thence
3. North 88°51'56" East, 77.89 feet to a point of non-tangency; thence
4. North 88°38'10" East, 32.39 feet to a point of non-tangency; thence
5. North 79°10'50" East, 176.63 feet to a point of non-tangency; thence
6. North 79°41'43" East, 34.48 feet to a point of non-tangency; thence
7. North 77°19'11" East, 94.84 feet to a point of non-tangency; thence
8. North 75°04'07" East, 83.79 feet to a point of non-tangency; thence
9. North 73°21'18" East, 78.06 feet to a point of non-tangency; thence
10. North 65°05'43" East, 71.41 feet to a point of non-tangency; thence
11. North 75°15'23" East, 60.60 feet to a point of non-tangency; thence
12. North 82°38'51" East, 96.40 feet to a point of non-tangency; thence
13. North 71°16'27" East, 96.07 feet to a point of non-tangency; thence
14. North 61°01'56" East, 49.35 feet to a point of non-tangency; thence
15. North 57°33'48" East, 97.75 feet to a point of non-tangency; thence
16. North 72°57'22" East, 110.49 feet to a point of non-tangency; thence
17. North 66°20'45" East, 101.86 feet to a point of non-tangency; thence
18. North 80°41'03" East, 76.71 feet to a point of non-tangency; thence
19. North 65°38'30" East, 39.11 feet to a point of non-tangency; thence

20. South 15°24'15" East, 109.40 feet to a point of non-tangency; thence
21. South 12°24'01" East, 115.91 feet to a point of non-tangency; thence
22. South 14°25'44" East, 169.94 feet to a point of non-tangency; thence
23. South 81°41'54" West, 60.15 feet to a point of non-tangency; thence
24. South 89°56'57" West, 60.12 feet to a point of non-tangency; thence
25. North 87°15'05" West, 91.60 feet to a point of non-tangency; thence
26. North 36°59'38" West, 55.66 feet to a point of non-tangency; thence
27. North 48°34'35" West, 52.44 feet to a point of non-tangency; thence
28. North 69°02'39" West, 38.81 feet to a point of non-tangency; thence
29. North 80°50'16" West, 48.42 feet to a point of non-tangency; thence
30. South 73°29'44" West, 21.71 feet to a point of non-tangency; thence
31. South 66°49'46" West, 75.91 feet to a point of non-tangency; thence
32. South 69°11'36" West, 122.59 feet to a point of non-tangency; thence
33. North 90°00'00" West, 68.95 feet to a point of non-tangency; thence
34. South 31°04'18" West, 95.14 feet to a point of non-tangency; thence
35. South 59°35'28" West, 79.33 feet to a point of non-tangency; thence
36. South 66°31'07" West, 99.00 feet to a point of non-tangency; thence
37. North 59°50'50" West, 78.47 feet to a point of non-tangency; thence
38. South 82°33'52" West, 227.17 feet to a point of non-tangency; thence
39. South 72°14'21" West, 99.57 feet to a point of non-tangency; thence
40. North 62°10'51" West, 280.61 feet to the point and place of beginning.

Containing 302,162.31 square feet, more or less.

Exhibit A-3A and Exhibit A-3B: Property Maps



LEGEND

- LIMIT OF PAVEMENT
- BUILDING
- LIMIT OF STREAM
- LIMIT OF PHASE 2 PARCEL, SURVEY SECTION A
- PARCEL 44 — LIMIT OF PARCEL EXCEPTED FROM PHASE 2 PARCEL, SECTION A
- FTMM-03 — LIMIT OF RESTRICTED AREA
- EXTENTS OF PARCEL 44
- EXTENTS OF PARCEL 102A

NOTES

1. LOCATIONS OF STREAMS AND WATERBODIES FROM UNITED STATES GEOLOGIC SURVEY NATIONAL HYDROGRAPHY DATASET. (STREAMS - https://njdep.maps.arcgis.com/home/item.html?id=968cb3d2d0134e91a50ee3855dc91409,WATERBODIES - https://njdep.maps.arcgis.com/home/item.html?id=c8ce83e44c4b4416bf8bc898ea8ce3b6)
2. ROADS, BUILDINGS, PHASE 2 PARCEL SECTION A, AND ENVIRONMENTAL CARVEOUT PARCELS FROM *ALTA/ACSM LAND TITLE SURVEY*, PREPARED BY LANGAN, DATED 01/22/2015, LAST REVISED 10/11/2019.
3. PHASE TWO PARCEL, SECTION A IS ONE OF THREE WRITTEN DESCRIPTIONS OF REAL PROPERTY IN EXHIBIT A OF THE *QUIT CLAIM DEED, FORMER FORT MONMOUTH MILITARY RESERVATION, PHASE 2 PARCELS EXCEPTING ENVIRONMENTAL SITES, MONMOUTH COUNTY, NEW JERSEY*, EXECUTED OCTOBER 25, 2016. THE QUIT CLAIM DEED TRANSFERRED FROM THE UNITED STATES OF AMERICA TO THE FORT MONMOUTH ECONOMIC REVITALIZATION AUTHORITY THE REAL PROPERTY DESCRIBED IN EXHIBIT A, EXCEPTING THE THE PROPERTY DESCRIBED IN EXHIBIT A-1 (THE ENVIRONMENTAL CARVE OUT PARCELS). THE ENVIRONMENTAL CARVEOUT PARCELS ("PARCELS") WERE RETAINED BY THE ARMY SO THAT THE ARMY COULD CONDUCT ENVIRONMENTAL REMEDIATION.
4. THE PHASE TWO PARCEL, SECTION FALLS WITHIN EATONTOWN, MONMOUTH COUNTY AND OCEANPORT, MONMOUTH COUNTY.
5. ENVIRONMENTAL CARVE OUT PARCELS WHERE LANDFILL FTMM-03 IS PRESENT INCLUDE PARCEL 44 AND PARCEL 102A. LANDFILL FTMM-03 EXTEND TO BUT NOT ONT0 PARCEL 102B AND PARCEL 102C. LANDFILL FTMM-03 ALSO FALLS ENTIRELY WITHIN THE OUTER LIMIT OF EATONTOWN BLOCK 301, LOT 1 (SEE EXHIBIT A-2A).
6. HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, PROJECTION NEW JERSEY STATE PLANE. VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
7. ALL UNITS ARE IN FEET UNLESS SPECIFIED OTHERWISE.

0 600' 1200'

GRAPHIC SCALE IN FEET

AECOM

LANDFILL FTMM-03 PI NUMBER G000000032 OCEANPORT, MONMOUTH COUNTY, NEW JERSEY			DEED NOTICE PROPERTY MAP: PARCEL 44 AND PARCEL 102A
DATE: NOVEMBER 2024	DRWN: ALC		**EXHIBIT A-3A**

X: 615952.6
Y: 539090.7

PARCEL 102A

NORTHERN BOUNDARY OF PHASE 2 PARCEL SURVEY SECTION A, THE EATOWNTOWN/SHREWSBERRY MUNICIPAL BOUNDARY, AND PARCEL 44 SHARE ALIGNMENT ALONG PARKER'S CREEK BRANCH

69.5

35.5

95.7

FTMM-03 AREA WITHIN PARCEL 102A: 945 SQUARE FEET

PARCEL 44

X: 616661.7
Y: 539270.9

PARKER'S CREEK BRANCH

X: 617032.6
Y: 539405.8

X: 617342.9
Y: 539507.6

RESTRICTED AREA: LANDFILL FTMM-03 (FALLS WITHIN PARCEL 44 AND PARCEL 102A)

X: 616198.3
Y: 538956.9

RESTRICTED AREA DOES NOT EXTEND INTO PARCEL 102B

RESTRICTED AREA DOES NOT EXTEND BEYOND LIMIT OF PARCEL 44

RESTRICTED AREA DOES NOT EXTEND INTO PARCEL 102C

X: 616526.0
Y: 539017.9

PARCEL 102B

NORTH DRIVE

X: 616588.7
Y: 538980.1

X: 616747.9
Y: 539059.7

X: 616801.0
Y: 539141.4

X: 617071.2
Y: 539220.8

PARCEL 102C

WAMPUM BROOK

X: 617228.1
Y: 539120.0

X: 617439.2
Y: 539124.4

LEGEND

- LIMIT OF PAVEMENT
- BUILDING
- LIMIT OF STREAM
- EXTENT OF STREAM/WATWERBODY
- LIMIT OF PHASE 2 PARCEL, SURVEY SECTION A
- PARCEL 44 — LIMIT OF PARCEL EXCEPTED FROM PHASE 2 PARCEL, SURVEY SECTION A
- FTMM-03 — LIMIT OF RESTRICTED AREA
- EXTENTS OF PARCEL 44
- EXTENTS OF PARCEL 102A

NOTES

1. LOCATIONS OF STREAMS AND WATERBODIES FROM UNITED STATES GEOLOGIC SURVEY NATIONAL HYDROGRAPHY DATASET. (STREAMS - HTTPS://NJDEP.MAPS.ARCGIS.COM/HOME/ITEM.HTML?ID=968CB3D2D0134E91A50EE 3855DC91409,WATERBODIES - HTTPS://NJDEP.MAPS.ARCGIS.COM/HOME/ITEM. HTML?ID=C8CE83E44C4B4416BF8BC898EA8CE3B6)
2. ROADS, BUILDINGS, PHASE 2 PARCEL SECTION A, AND ENVIRONMENTAL CARVEOUT PARCELS FROM *ALTA/ACSM LAND TITLE SURVEY*, PREPARED BY LANGAN, DATED 01/22/2015, LAST REVISED 10/11/2019.
3. PHASE TWO PARCEL, SECTION A IS ONE OF THREE WRITTEN DESCRIPTIONS OF REAL PROPERTY IN EXHIBIT A OF THE *QUIT CLAIM DEED, FORMER FORT MONMOUTH MILITARY RESERVATION, PHASE 2 PARCELS EXCEPTING ENVIRONMENTAL SITES, MONMOUTH COUNTY, NEW JERSEY*, EXECUTED OCTOBER 25, 2016. THE QUIT CLAIM DEED TRANSFERRED FROM THE UNITED STATES OF AMERICA TO THE FORT MONMOUTH ECONOMIC REVITALIZATION AUTHORITY THE REAL PROPERTY DESCRIBED IN EXHIBIT A, EXCEPTING THE THE PROPERTY DESCRIBED IN EXHIBIT A-1 (THE ENVIRONMENTAL CARVE OUT PARCELS). THE ENVIRONMENTAL CARVEOUT PARCELS ("PARCELS") WERE RETAINED BY THE ARMY SO THAT THE ARMY COULD CONDUCT ENVIRONMENTAL REMEDIATION.
4. THE PHASE TWO PARCEL, SECTION FALLS WITHIN EATONTOWN, MONMOUTH COUNTY AND OCEANPORT, MONMOUTH COUNTY.
5. ENVIRONMENTAL CARVE OUT PARCELS WHERE LANDFILL FTMM-03 IS PRESENT INCLUDE PARCEL 44 AND PARCEL 102A. LANDFILL FTMM-03 EXTEND TO BUT NOT ONT0 PARCEL 102B AND PARCEL 102C. LANDFILL FTMM-03 ALSO FALLS ENTIRELY WITHIN THE OUTER LIMIT OF EATONTOWN BLOCK 301, LOT 1 (SEE EXHIBIT A-2A).
6. 8C82B9CD19EF4B2992161C41BAB9761C)
7. HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, PROJECTION NEW JERSEY STATE PLANE. VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
8. ALL UNITS ARE IN FEET UNLESS SPECIFIED OTHERWISE.

AECOM

0 100' 200'

GRAPHIC SCALE IN FEET

LANDFILL FTMM-03
PI NUMBER G000000032
OCEANPORT, MONMOUTH COUNTY, NEW JERSEY

DEED NOTICE
PROPERTY MAP: PARCEL 44 AND PARCEL 102A

DATE: NOVEMBER 2024 | DRWN: ALC | **EXHIBIT A-3B**

EXHIBIT B

Exhibit B includes the following map and tables for the restricted area, as specified in per New Jersey Department of Environmental Protection (NJDEP) in Appendix B of the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS) in N.J.A.C. 7:26C.

(A) Exhibit B-1A: Restricted area map which shows the map includes the locations of previously observed soil impacts; however, regrading and compaction of the preexisting landfill cover, landfill material, and other soils within the restricted area may have redistributed these impacts within the restricted area's limits.

(B) Exhibit B-1B: Cap construction details for the restricted area map.

(C) Exhibit B-2: Restricted Area Data Table – A table for the restricted area is provided in Exhibit B-2, which includes sample names, sample location designations, chemical abstract service registry number for contaminants, and the concentrations of each contaminant observed. Contaminants are compared to their respective May 2021 NJDEP Soil Remediation Standards (N.J.A.C. 7:26D, last amended May 17, 2021).

The information in Exhibit B-2 was originally presented in the August 2016 Remedial Investigation Report (RIR) for FTMM-03. Samples presented in the RIR were sampled for the full Target Analyte List/Target Compound List, and sample results in the August 2016 RIR were compared to the NJDEP standards and criteria current at the time of the RIR's publication. Only those analytes exceeding at one or more sample locations the NJDEP standards and criteria current at the time of the RIR's publication were presented in the RIR and, therefore, only those analytes are presented in Exhibit B-2.

Exhibit B-1A: Restricted Area Map

X: 615952.6
Y: 539090.7

PARCEL 102A

69.5'

35.5'

95.7'

NORTHERN BOUNDARY OF PHASE 2 PARCEL SECTION A AND PARCEL 44 SHARE ALIGNMENT ALONG LAFETRA CREEK

PARCEL 144

LAFETRA CREEK

X: 616661.7
Y: 539270.9

X: 617032.6
Y: 539405.8

X: 617342.9
Y: 539507.6

X: 616198.3
Y: 538956.9

X: 616526.0
Y: 539017.9

PARCEL 102B

NORTH DRIVE

X: 616588.7
Y: 538980.1

X: 616747.9
Y: 539059.7

X: 616801.0
Y: 539141.4

X: 617071.2
Y: 539220.8

PARCEL 102C

X: 617228.1
Y: 539120.0

X: 617439.2
Y: 539124.4

LAFETRA CREEK

B-1 B-2 B-3 B-4 B-5 B-6 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-22 B-23 B-24 B-25 B-26 B-27 B-29 B-30 B-31 B-32 B-33 B-34 B-35 B-36 B-37 B-38 B-39 B-40 B-41 B-42 B-43 B-44 B-45 B-46 B-47 B-48 B-49 B-50 B-51 B-53 B-54 B-55 B-56 B-57 B-58 B-59 B-60 B-61 B-62 B-63 B-64 B-64a B-65 B-66 B-67 B-68 B-69 B-70 B-71 B-72 B-73 B-74 B-75 B-76 B-77 B-78 B-79 B-80 B-81 B-82 B-83 B-84 B-85 B-86 B-87 B-88 B-89 B-90 B-91 B-92 B-93 B-94 B-95 B-96 B-97 B-98 B-99 B-100 B-101 B-102 B-103 B-104 B-105 B-106 B-107 B-108 B-109 B-110 B-111 B-112 B-113 B-114 B-115 B-116 B-117 B-119 B-120 B-121 B-122 B-123 B-124 B-125 B-126 B-127 B-128 B-129 B-130 B-131 B-132 B-133 B-134 B-135 B-136 B-137 B-138 B-139 B-140 B-141 B-142 B-143 B-144 B-145 B-146 B-147 B-148 B-149 B-150 B-151 B-154 B-156 B-158 B-159 B-160 B-161 B-162 B-163 B-164 B-165 B-166 B-167 B-168 B-169 B-170 B-171 B-172 B-173 B-175 B-176 B-177 B-178 B-179 B-180 B-181 B-182 B-183 B-184 B-185 B-186 B-187 B-188 B-189 B-190 B-191 B-192 B-193 B-194 B-195 B-196 B-197 B-198 B-199 B-200 B-201 B-202 B-203 B-204 B-205

LEGEND

- LIMIT OF PAVEMENT
- BUILDING
- LIMIT OF STREAM
- EXTENT OF STREAM/WATERBODY
- LIMIT OF PHASE 2 PARCEL, SURVEY SECTION A
- LIMIT OF PARCEL 44 AND PARCEL 102A
- LIMIT OF RESTRICTED AREA
- LIMIT OF LANDFILL CAP: VEGETATED SOIL
- LIMIT OF WALKING PATH ON LANDFILL CAP
- B-1 HISTORIC SOIL SAMPLE LOCATION WITH ONE OR MORE EXCEEDANCE OF THE NJDEP SOIL REMEDIATION STANDARDS

NOTES

1. LOCATIONS OF STREAMS AND WATERBODIES FROM UNITED STATES GEOLOGIC SURVEY NATIONAL HYDROGRAPHY DATASET. (STREAMS - https://njdep.maps.arcgis.com/home/item.html?id=968cb3d2d0134e91a50ee3855dc91409,WATERBODIES - https://njdep.maps.arcgis.com/home/item.html?id=c8ce83e44c4b4416bf8bc898ea8ce3b6)
2. ROADS, BUILDINGS, PHASE 2 PARCEL SECTION A, AND ENVIRONMENTAL CARVEOUT PARCELS FROM *ALTA/ACSM LAND TITLE SURVEY*, PREPARED BY LANGAN, DATED 01/22/2015, LAST REVISED 10/11/2019.
3. PHASE TWO PARCEL, SECTION A IS ONE OF THREE WRITTEN DESCRIPTIONS OF REAL PROPERTY IN EXHIBIT A OF THE *QUIT CLAIM DEED, FORMER FORT MONMOUTH MILITARY RESERVATION, PHASE 2 PARCELS EXCEPTING ENVIRONMENTAL SITES, MONMOUTH COUNTY, NEW JERSEY*, EXECUTED OCTOBER 25, 2016. THE QUIT CLAIM DEED TRANSFERRED FROM THE UNITED STATES OF AMERICA TO THE FORT MONMOUTH ECONOMIC REVITALIZATION AUTHORITY THE REAL PROPERTY DESCRIBED IN EXHIBIT A, EXCEPTING THE THE PROPERTY DESCRIBED IN EXHIBIT A-1 (THE ENVIRONMENTAL CARVE OUT PARCELS). THE ENVIRONMENTAL CARVEOUT PARCELS ("PARCELS") WERE RETAINED BY THE ARMY SO THAT THE ARMY COULD CONDUCT ENVIRONMENTAL REMEDIATION.
4. ENVIRONMENTAL CARVE OUT PARCELS WHERE LANDFILL FTMM-03 IS PRESENT INCLUDE PARCEL 44 AND PARCEL 102A. LANDFILL FTMM-03 EXTEND TO BUT NOT ONTO PARCEL 102B AND PARCEL 102C. LANDFILL FTMM-03 ALSO FALLS ENTIRELY WITHIN THE OUTER LIMIT OF EATONTOWN BLOCK 301, LOT 1 (SEE EXHIBIT A-2A).
5. SOIL SAMPLE LOCATIONS PREVIOUSLY PRESENTED IN THE FEBRUARY 2016 *FINAL REMEDIAL INVESTIGATION REPORT FOR SITE FTMM-03, FORT MONMOUTH, OCEANPORT, MONMOUTH COUNTY, NEW JERSEY*, FIGURE 2.1. SOIL AT SAMPLE LOCATIONS MAY HAVE MOVED WITHIN THE LIMIT OF RESTRICTED AREA DUE TO REGRADING DURING LANDFILL CAP CONSTRUCTION.
6. HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, PROJECTION NEW JERSEY STATE PLANE. VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
7. ALL UNITS ARE IN FEET UNLESS SPECIFIED OTHERWISE.

0 100' 200'

GRAPHIC SCALE IN FEET

AECOM

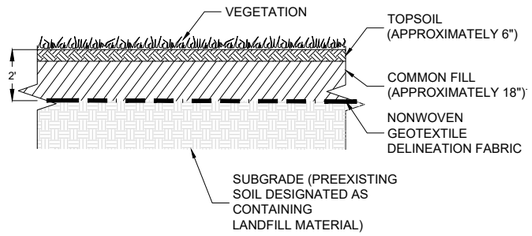
LANDFILL FTMM-03
PI NUMBER G000000032
OCEANPORT, MONMOUTH COUNTY, NEW JERSEY

DATE: NOVEMBER 2024 | DRWN: ALC

DEED NOTICE: RESTRICTED AREA MAP
LOCATIONS OF ENGINEERING CONTROLS
AND EXCEEDANCES OF THE
NJDEP SOIL REMEDIATION STANDARDS

EXHIBIT B-1A

Exhibit B-1B: Engineering Control Construction Details

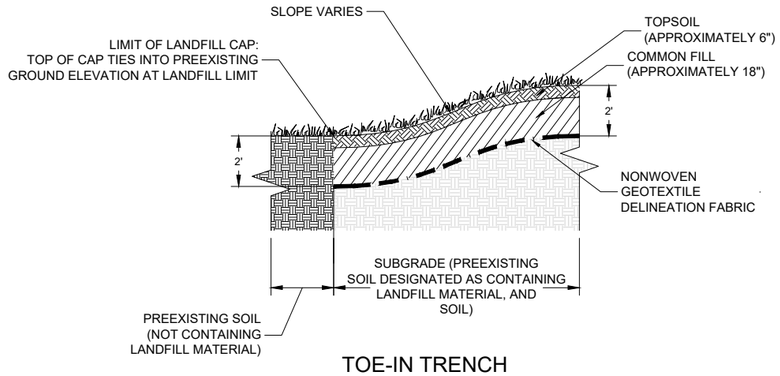


VEGETATIVE CAP

(TYPICAL, NOT TO SCALE)

NOTES

1. SUBGRADE IS COMPACTED TO 90 PERCENT STANDARD PROCTOR PRIOR TO PLACEMENT OF NONWOVEN GEOTEXTILE DELINEATION FABRIC, COMMON FILL, AND TOPSOIL.
2. COMMON FILL IS PLACED IN THREE LIFTS, EACH COMPACTED TO A THICKNESS OF APPROXIMATELY 6". TOPSOIL IS PLACED IN ONE 6" THICK LIFT.
3. SUBGRADE SLOPE VARIES AND IS AS SHOWN ON THE AS-BUILT SUBGRADE CONTOURS FOR EACH LANDFILL.

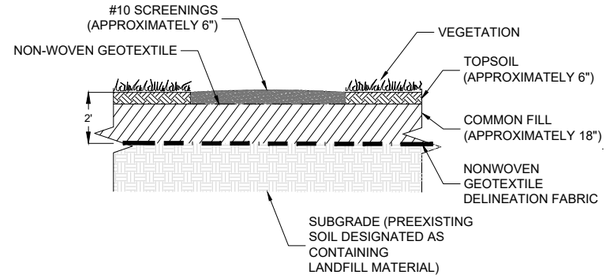


TOE-IN TRENCH

(TYPICAL, NOT TO SCALE)

NOTES

1. SUBGRADE IS COMPACTED TO 90 PERCENT STANDARD PROCTOR PRIOR TO PLACEMENT OF NONWOVEN GEOTEXTILE DELINEATION FABRIC, COMMON FILL, AND TOPSOIL.
2. COMMON FILL IS PLACED IN THREE LIFTS, EACH COMPACTED TO A THICKNESS OF APPROXIMATELY 6". TOPSOIL IS PLACED IN ONE 6" THICK LIFT.
3. TO TIE THE VEGETATIVE CAP INTO THE PREEXISTING GROUND SURFACE, A TWO-FOOT DEEP TOE-IN TRENCH WAS EXCAVATED ALONG THE LANDFILL'S LIMIT. MATERIAL EXCAVATED ALONG THE LANDFILL'S LIMIT WAS PULLED BACK INTO THE LANDFILL INTERIOR AND GRADED TO FACILITATE DRAINAGE.



WALKING PATH

(TYPICAL, NOT TO SCALE)

NOTES

1. SUBGRADE IS COMPACTED TO 90 PERCENT STANDARD PROCTOR PRIOR TO PLACEMENT OF NONWOVEN GEOTEXTILE DELINEATION FABRIC, COMMON FILL, AND TOPSOIL.
2. COMMON FILL IS PLACED IN THREE LIFTS, EACH COMPACTED TO A THICKNESS OF APPROXIMATELY 6". TOPSOIL IS PLACED IN ONE 6" THICK LIFT.
3. WALKING PATH IS CONSTRUCTED USING #10 SCREENING, WHICH WERE PLACED IN ONE LIFT AND COMPACTED TO A THICKNESS OF APPROXIMATELY 6". THE WALKING PATH IS CROWNED SLIGHTLY TO PREVENT PONDING.

AECOM

LANDFILL FTMM-03 PI NUMBER G000000032 OCEANPORT, MONMOUTH COUNTY, NEW JERSEY	DEED NOTICE CAP CONSTRUCTION DETAILS
DATE: SEPTEMBER 2024 | DRWN: ALC	**EXHIBIT B-1B**

Exhibit B-2A and Exhibit B-2B: Restricted Area Data Tables

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-1	B-2	B-3	B-4	B-5	B-6	B-8	B-9	B-10	B-11
Sample Date					09/29/98	09/29/98	09/29/98	09/29/98	09/29/98	09/29/98	09/29/98	09/29/98	09/29/98	09/29/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3923.03	3923.05	3923.07	3923.09	3923.11	3923.13	3923.17	3923.19	3923.21	3923.23
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.68	< 0.58	< 0.56	< 0.57	< 0.62	< 0.55	< 0.5	< 0.61	< 0.55	< 0.58
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.34	< 0.29	< 0.28	< 0.29	< 0.31	< 0.28	< 0.25	< 0.3	< 0.28	< 0.29
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.34	< 0.29	< 0.28	< 0.29	< 0.31	< 0.28	< 0.25	< 0.3	< 0.28	< 0.29
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.34	< 0.29	< 0.28	< 0.29	< 0.31	< 0.28	< 0.25	< 0.3	< 0.28	< 0.29
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3923.02	3923.04	3923.06	3923.08	3923.10	3923.12	3923.16	3923.18	3923.20	3923.22
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	0.53 J	0.21 J	< 1	< 0.98	< 1	< 1	*1.8*	< 1.1	< 1.1	*1.7*
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1	< 1	< 0.98	< 1	< 1	< 0.98	< 1.1	< 1.1	< 0.98
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	0.44 J	< 1	< 1	< 0.98	< 1	< 1	1.9	< 1.1	< 1.1	2.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	0.56 J	< 1	< 1	< 0.98	< 1	< 1	1.8	< 1.1	< 1.1	1.7
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	0.51 J	< 1	< 1	< 0.98	< 1	< 1	**2**	< 1.1	< 1.1	**2**
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1	< 1	< 0.98	< 1	< 1	1.3	< 1.1	< 1.1	1.2
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1	< 1	< 0.98	< 1	< 1	0.41 J	< 1.1	< 1.1	0.21 J
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	< 0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	*0.728*	0.186	0.217	0.092	0.181	0.006	*1.403*	0.336	0.349	0.168
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	<0.0065	0.016	0.015	0.015	0.002	<0.0006	0.059	0.018	*1.491*	0.029
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.5	0.661	0.354	0.04	0.042	0.004	*1.376*	0.413	***5.066***	0.077
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.024	0.004
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.018	0.004
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0039	<0.0038	<0.0040	<0.0036	<0.0035	<0.0037	<0.0037	<0.0039	<0.0038	<0.0038
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	1.25	1.27	1.23	< 0.221	< 0.22	0.82	0.255	0.618	< 0.247	< 0.242
Arsenic	7440-38-2	**19**	19	*19*	10.5	16	16.3	6.07	6.33	***20.3***	7.27	2	3.14	4.25
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.27*	*1.17*	*1.1*	0.594	*0.716*	0.515	0.685	0.355	0.498	*0.811*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.173	0.277	0.125	0.0827	0.495	0.265	0.127	< 0.051	0.304	0.249
Copper	7440-50-8	**3100**	52000	*910*	24.2	76.9	51.6	16.7	12.2	63.6	19.3	26	46.4	58.5
Lead	7439-92-1	**400**	800	*90*	35.6	89.5	*106*	5.72	5.29	49	36.9	*355*	42.9	35.2
Mercury	7439-97-6	**23**	390	*0.1*	*0.108*	*0.157*	0.091	*0.557*	*0.487*	0.027	0.065	0.085	0.035	*0.282*
Selenium	7782-49-2	**390**	6500	*11*	< 0.368	< 0.344	< 0.312	< 0.332	< 0.33	4.72	< 0.280	0.32	< 0.371	1.29
Silver	7440-22-4	**390**	6500	*0.5*	< 0.368	< 0.344	< 0.312	< 0.332	< 0.33	< 0.329	< 0.28	< 0.303	< 0.371	< 0.362
Zinc	7440-66-6	**23000**	390000	*930*	115	172	82.8	12.4	14.2	48.7	58.2	417	31.8	21.7

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-12	B-13	B-14	B-15	B-16	B-17	B-18	B-19	B-20	B-20 Dup
Sample Date					09/29/98	09/29/98	09/29/98	09/29/98	09/29/98	09/30/98	09/30/98	09/30/98	09/30/98	09/30/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3923.25	3923.27	3923.29	3923.31	3923.33	3929.03	3929.05	3929.07	3929.09	3929.33
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.53	< 0.54	< 0.86	< 0.57	< 0.54	*1.6*	*0.83*	*0.65*	< 0.57	*0.99*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.26	< 0.27	< 0.43	< 0.29	< 0.27	< 0.27	< 0.26	< 0.29	< 0.28	< 0.27
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.26	< 0.27	< 0.43	< 0.29	< 0.27	< 0.27	< 0.26	< 0.29	< 0.28	< 0.27
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.26	< 0.27	< 0.43	< 0.29	< 0.27	< 0.27	< 0.26	< 0.29	< 0.28	< 0.27
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3923.24	3923.26	3923.28	3923.30	3923.32	3929.02	3929.04	3929.06	3929.08	3929.32
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1	< 1.1	0.17 J	< 1.1	< 1.1	0.21 J	***11***	< 1.1	0.21 J	0.29 J
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1	< 1.1	< 0.97	< 1.1	< 1.1	< 1	< 0.99	< 1.1	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1	< 1.1	0.19 J	< 1.1	< 1.1	0.17 J	**11**	< 1.1	0.14 J	0.19 J
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1	< 1.1	0.2 J	< 1.1	< 1.1	0.22 J	5.5	< 1.1	0.2 J	0.23 J
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1	< 1.1	0.17 J	< 1.1	< 1.1	0.21 J	**9.6**	< 1.1	0.2 J	0.24 J
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1	< 1.1	< 0.97	< 1.1	< 1.1	< 1	4.7	< 1.1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1	< 1.1	< 0.97	< 1.1	< 1.1	< 1	**2**	< 1.1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	*0.041*	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	*0.897*	0.008	*0.94*	0.068	0.001	0.003	<0.0004	0.014	0.014	0.029
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.002	<0.0005	<0.0005	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.15	0.014	0.14	0.014	<0.0006	0.003	<0.0006	0.003	0.006	0.017
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	*1.551*	0.011	***4.312***	0.069	0.004	0.007	0.003	0.007	0.016	0.068
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0036	<0.0037	<0.0036	<0.0036	<0.0037	<0.0037	<0.0037	<0.0037	<0.0038	<0.0037
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.199	< 0.23	1.11	0.749	0.577	1.4	0.838	1.24	1.23	1.6
Arsenic	7440-38-2	**19**	19	*19*	2.35	6.21	14.9	18.5	14.1	18.4	18.8	17.8	18.3	***21.2***
Beryllium	7440-41-7	**160**	2600	*0.7*	0.166	*0.791*	*1.05*	*0.828*	*0.731*	*1.06*	*0.834*	*0.748*	*0.9*	*1.33*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.158	< 0.057	< 0.052	< 0.052	0.146	0.824	0.395	0.405	0.253	0.364
Copper	7440-50-8	**3100**	52000	*910*	10.6	97	33.6	16.2	22.8	160	126	53.8	40.9	46.5
Lead	7439-92-1	**400**	800	*90*	6.89	31.9	40	13.5	28.6	***471***	*206*	*114*	78.8	77.6
Mercury	7439-97-6	**23**	390	*0.1*	0.028	0.045	*0.109*	0.022	< 0.011	*0.159*	0.07	0.089	0.048	< 0.012
Selenium	7782-49-2	**390**	6500	*11*	< 0.299	1.46	< 0.315	< 0.309	< 0.348	< 0.316	< 0.323	< 0.347	< 0.328	< 0.337
Silver	7440-22-4	**390**	6500	*0.5*	< 0.299	< 0.345	< 0.315	< 0.309	< 0.348	< 0.316	< 0.323	0.426	< 0.328	< 0.337
Zinc	7440-66-6	**23000**	390000	*930*	12.2	25.6	40.8	63.3	79.9	481	311	280	130	149

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29	B-30	B-31
Sample Date					09/30/98	09/30/98	09/30/98	09/30/98	09/30/98	09/30/98	09/30/98	10/21/98	09/30/98	09/30/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3929.13	3929.15	3929.17	3929.19	3929.21	3929.23	3929.25	3995.01	3929.29	3929.31
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	*0.49 J*	< 0.58	< 0.58	< 0.53	< 0.54	< 0.72	*0.9*	< 0.56	*0.92*	*1*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.29	< 0.29	< 0.29	< 0.26	< 0.27	< 0.36	< 0.26	< 0.28	< 0.28	< 0.32
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.29	< 0.29	< 0.29	< 0.26	< 0.27	< 0.36	< 0.26	< 0.28	< 0.28	< 0.32
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.29	< 0.29	< 0.29	< 0.26	< 0.27	< 0.36	< 0.26	< 0.28	< 0.28	< 0.32
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3929.12	3929.14	3929.16	3929.18	3929.20	3929.22	3929.24	3929.26	3929.28	3929.30
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.1	< 1	*3.5*	< 0.97	< 1	*0.76 J*	< 0.98	< 1.1	< 1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1	< 1	< 0.97	0.28 J	< 1	< 0.98	< 1.1	< 1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.1	< 1	4.4	< 0.97	< 1	0.52 J	< 0.98	< 1.1	< 1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.1	< 1	3	< 0.97	< 1	0.56 J	< 0.98	< 1.1	< 1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.1	< 1	**3.8**	< 0.97	< 1	**0.54 J**	< 0.98	< 1.1	< 1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1	1.8	< 0.97	< 1	0.24 J	< 0.98	< 1.1	< 1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1	**0.8 J**	< 0.97	< 1	< 1	< 0.98	< 1.1	< 1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	*0.004*	<0.0004	*0.181*	*0.035*	*0.009*	<0.0004	<0.0004	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.022	0.044	0.308	0.262	*1.439*	0.141	*0.566*	0.022	0.007	0.007
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	<0.0007	0.007	0.123	0.124	0.223	0.066	0.217	0.017	<0.0007	<0.0006
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.018	0.038	0.45	0.188	***4.879***	0.189	*1.549*	0.119	0.01	0.007
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0006	<0.0005	0.008	0.021	<0.0005	0.016	0.021	<0.0005	<0.0005	<0.0005
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0006	<0.0005	0.01	0.021	<0.0005	0.029	0.022	<0.0005	<0.0005	<0.0005
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0040	<0.0035	<0.0037	<0.0035	<0.0036	<0.0039	<0.0037	<0.0037	<0.0039	<0.0039
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.221	0.645	< 0.233	0.611	0.363	0.866	1.15	1.26	1.52	3.29
Arsenic	7440-38-2	**19**	19	*19*	3.23	3.73	4.7	7.96	7.26	7.52	13.1	***20.6***	***20.2***	***551***
Beryllium	7440-41-7	**160**	2600	*0.7*	0.509	0.487	*0.711*	0.315	0.698	*1.12*	*1.07*	*1.21*	*0.899*	*1.67*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.205	0.166	0.54	0.656	0.209	0.0998	0.931	0.302	1.71	0.728
Copper	7440-50-8	**3100**	52000	*910*	24.6	17.2	35.9	47.8	31.3	52.5	25.7	50.4	235	436
Lead	7439-92-1	**400**	800	*90*	23.7	*122*	41.1	70.8	66.8	24.9	52.8	71	***961***	*145*
Mercury	7439-97-6	**23**	390	*0.1*	0.044	0.069	*0.562*	*2.043*	*0.12*	0.033	*0.27*	< 0.012	< 0.012	< 0.011
Selenium	7782-49-2	**390**	6500	*11*	0.741	0.446	0.794	0.827	0.892	< 0.326	< 0.268	< 0.366	< 0.329	< 0.328
Silver	7440-22-4	**390**	6500	*0.5*	< 0.332	< 0.331	*0.8*	*2.75*	< 0.331	< 0.326	< 0.268	< 0.366	*0.785*	< 0.328
Zinc	7440-66-6	**23000**	390000	*930*	46.2	24.8	67.4	26.2	56	119	180	202	752	378

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-32	B-33	B-34	B-35	B-36	B-37	B-38	B-39	B-40	B-41
Sample Date					10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98	10/19/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3984.03	3984.05	3984.07	3984.09	3984.11	3984.13	3984.15	3984.17	3984.19	3984.21
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	*0.89*	*1.6*	*0.98*	*0.71*	*0.37 J*	*0.47 J*	*0.35 J*	*0.32 J*	*0.58 J*	*0.8*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.27	< 0.3	< 0.3	< 0.31	< 0.29	< 0.29	< 0.3	*0.26*	< 0.3	< 0.29
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.27	< 0.3	< 0.3	< 0.31	< 0.29	< 0.29	< 0.3	< 0.25	< 0.3	< 0.29
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.27	< 0.3	< 0.3	< 0.31	< 0.29	< 0.29	< 0.3	< 0.25	< 0.3	< 0.29
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3984.02	3984.04	3984.06	3984.08	3984.10	3984.12	3984.14	3984.16	3984.18	3984.20
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	***160*** **D**	0.29 J
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	0.42 J	< 1.1	0.19 J	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	**260** **D**	0.24 J
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	**130** **D**	0.28 J
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	**240** **D**	0.23 J
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	**150** **D**	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.1	**55** **D**	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0005	<0.0004	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.024	*0.511*	0.071	0.033	0.013	0.016	0.004	0.017	0.157	0.372
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	<0.0007	0.044	0.002	0.004	<0.0006	<0.0006	<0.0006	<0.0007	0.02	0.051
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.024	*0.849*	0.058	0.042	0.01	0.004	0.002	0.02	0.493	0.552
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0004	<0.0005	<0.0005
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0040	<0.0039	<0.0037	<0.0036	<0.0038	<0.0037	<0.0038	<0.0043	<0.0037	<0.0036
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	1.36	1.09	< 0.23	< 0.225	< 0.233	< 0.206	< 0.231	2.13	1.08	1
Arsenic	7440-38-2	**19**	19	*19*	***21.6***	12.5	4.19	2.67	3.73	5.76	4.43	9.43	18	14.6
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.03*	*1.19*	0.41	0.55	0.415	0.456	*0.873*	*2.17*	*0.795*	*0.847*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.366	0.286	0.0583	< 0.056	0.164	0.107	0.14	0.126	0.99	0.26
Copper	7440-50-8	**3100**	52000	*910*	56.2	28	18	18.8	10.2	37.3	31.2	17.1	13.5	30.1
Lead	7439-92-1	**400**	800	*90*	89.2	46.2	20.3	17.9	8.91	12.6	25.6	59.7	53.2	80.2
Mercury	7439-97-6	**23**	390	*0.1*	0.059	0.091	0.018	0.015	0.028	0.085	0.021	*0.184*	*0.222*	*0.125*
Selenium	7782-49-2	**390**	6500	*11*	< 0.364	< 0.354	0.489	0.743	0.526	0.537	1.26	< 0.384	< 0.352	< 0.339
Silver	7440-22-4	**390**	6500	*0.5*	< 0.364	< 0.354	< 0.346	< 0.338	< 0.349	< 0.309	< 0.347	< 0.384	0.363	< 0.339
Zinc	7440-66-6	**23000**	390000	*930*	173	111	13.3	11.7	9.38	17.9	17.7	130	40.3	116

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-42	B-43	B-44	B-45	B-46	B-46 Dup	B-47	B-48	B-49	B-50
Sample Date					10/19/98	10/19/98	10/19/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3984.23	3984.25	3984.27	3989.03	3989.05	3989.43	3989.07	3989.09	3989.11	3989.13
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	*3.3*	*2.6*	< 0.6	*1.3*	*1.5*	*1.2*	*1.5*	*1.4*	*1.4*	*1.5*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.31	< 0.33	< 0.3	< 0.26	< 0.3	< 0.29	< 0.31	< 0.28	< 0.29	< 0.3
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.31	< 0.33	< 0.3	< 0.26	< 0.3	< 0.29	< 0.31	< 0.28	< 0.29	< 0.3
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.31	< 0.33	< 0.3	< 0.26	< 0.3	< 0.29	< 0.31	< 0.28	< 0.29	< 0.3
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3984.22	3984.24	3984.26	3989.02	3989.04	3989.42	3989.06	3989.08	3989.10	3989.12
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1	*1.1*	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	0.2 J	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1	< 1	< 1.1	< 1	< 1.2	< 1.1	13	13	0.32 J	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1	0.7 J	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1	0.77 J	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1	**0.87 J**	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1	0.46 J	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1	0.25 J	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	<0.0081	<0.0004	<0.0004	<0.0005	<0.0004	<0.0004	<0.0004	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.112	0.252	*1.474*	*0.916*	0.013	0.018	0.031	0.066	0.045	*0.68*
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0005	<0.0005	<0.0006	<0.0006	<0.0005	<0.0005	<0.0006	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.021	0.1	0.308	0.023	<0.0007	<0.0007	<0.0006	0.004	0.024	0.022
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.132	0.153	*1.261*	*0.687*	0.017	0.022	0.026	0.076	0.084	0.554
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.032	<0.0005	<0.0006	<0.0006	<0.0005	<0.0005	<0.0006	<0.0005
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.035	<0.0005	<0.0006	<0.0006	<0.0005	<0.0005	<0.0006	<0.0005
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0038	<0.0036	<0.0036	<0.0037	<0.0040	<0.0041	<0.0039	<0.0038	<0.0040	<0.0038
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	1.59	0.634	1.14	1.28	2.04	1.85	< 0.198	< 0.247	1.14	1.42
Arsenic	7440-38-2	**19**	19	*19*	***19.4***	8.97	13	13.7	***23.3***	***22***	1.95	3.81	3.44	***26.8***
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.36*	0.676	*1.21*	*1.18*	*1.65*	*1.61*	0.307	*0.921*	0.498	*1.31*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.233	0.298	0.199	0.148	0.14	0.164	0.588	0.065	*9.73*	0.337
Copper	7440-50-8	**3100**	52000	*910*	56.8	38.9	20.2	20.1	6.46	7.83	11.9	16.2	76.9	24
Lead	7439-92-1	**400**	800	*90*	76	44	42	44.7	13.8	9.05	17.5	6.6	***560***	38
Mercury	7439-97-6	**23**	390	*0.1*	*0.245*	*0.29*	*0.178*	*0.175*	*0.129*	0.034	0.09	*0.123*	*0.209*	*0.161*
Selenium	7782-49-2	**390**	6500	*11*	< 0.296	< 0.316	< 0.354	< 0.342	< 0.367	< 0.31	0.332	0.934	0.362	0.676
Silver	7440-22-4	**390**	6500	*0.5*	< 0.296	< 0.316	< 0.354	< 0.342	< 0.367	< 0.31	< 0.297	< 0.37	< 0.309	< 0.333
Zinc	7440-66-6	**23000**	390000	*930*	130	93	83.3	76.5	72.2	66.5	54.3	12.8	*990*	62.9

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-51	B-52	B-53	B-54	B-55	B-56	B-57	B-58	B-59	B-60
Sample Date					10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98	10/20/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3989.15	3989.17	3989.19	3989.21	3989.23	3989.25	3989.27	3989.29	3989.31	3989.33
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	*1.2*	*1.4*	*1.6*	*1.3*	*1.3*	*1.1*	*1.2*	*1.5*	*1.1*	*1.3*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.27	< 0.3	< 0.35	< 0.28	< 0.29	< 0.26	< 0.3	< 0.36	< 0.28	< 0.3
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.27	< 0.3	< 0.35	< 0.28	< 0.29	< 0.26	< 0.3	< 0.36	< 0.28	< 0.3
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.27	< 0.3	< 0.35	< 0.28	< 0.29	< 0.26	< 0.3	< 0.36	< 0.28	< 0.3
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3989.14	3989.16	3989.18	3989.20	3989.22	3989.24	3989.26	3989.28	3989.30	3989.32
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	0.48 J	0.45 J	*2*	< 1.2	< 1.2	< 1.1	0.17 J	< 1	0.23 J	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1.1	1.4	< 1.2	< 1.2	< 1.1	< 1	< 1	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	0.35 J	0.35 J	1.8	< 1.2	< 1.2	< 1.1	< 1	< 1	0.17 J	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	0.38 J	0.39 J	1.8	< 1.2	< 1.2	< 1.1	< 1	< 1	0.19 J	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	0.39 J	0.37 J	**2**	< 1.2	< 1.2	< 1.1	< 1	< 1	0.2 J	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	0.21 J	0.21 J	1 J	< 1.2	< 1.2	< 1.1	< 1	< 1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1.1	**0.52 J**	< 1.2	< 1.2	< 1.1	< 1	< 1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	*0.005*	<0.0004	<0.0004	<0.0004	<0.0005	<0.0004	0.003	<0.0004	<0.0004	*0.004*
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.298	0.107	0.214	0.064	0.006	0.184	0.113	0.075	0.045	0.31
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0005	<0.0006	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0006
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.023	0.09	*0.488*	0.006	<0.0007	0.011	0.014	0.005	0.013	0.024
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.44	0.094	0.167	0.056	0.008	0.269	0.218	0.069	0.102	0.371
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	0.004	0.091	<0.0006	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	0.001
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	0.004	0.092	<0.0006	<0.0006	<0.0005	<0.0005	<0.0005	<0.0005	0.002
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0038	<0.0037	<0.0036	<0.0040	<0.0041	<0.0036	<0.0038	<0.0036	<0.0038	<0.0040
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	0.569	1.84	0.792	1.26	1.06	0.297	0.446	0.655	1.61	1.45
Arsenic	7440-38-2	**19**	19	*19*	9.32	18.7	15.3	***19.4***	***20.4***	7.35	***92.8***	8.46	13.9	12.2
Beryllium	7440-41-7	**160**	2600	*0.7*	*0.919*	*2.07*	*1*	*0.907*	*0.955*	0.481	0.584	0.683	*1.31*	*1.36*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.597	0.197	0.253	0.346	0.148	0.115	0.165	0.265	0.132	0.48
Copper	7440-50-8	**3100**	52000	*910*	31.2	14.7	345	69.4	11.4	6.59	11.4	11.3	3.93	53.7
Lead	7439-92-1	**400**	800	*90*	*113*	32.3	*237*	***535***	17.4	5.59	3	12	7.83	*106*
Mercury	7439-97-6	**23**	390	*0.1*	*4.363*	*0.142*	*0.102*	0.039	0.028	0.024	0.044	0.044	0.04	*0.231*
Selenium	7782-49-2	**390**	6500	*11*	< 0.356	< 0.344	< 0.361	0.342	0.623	< 0.352	0.723	< 0.342	< 0.337	< 0.332
Silver	7440-22-4	**390**	6500	*0.5*	< 0.356	< 0.344	< 0.361	< 0.324	< 0.383	< 0.352	< 0.324	< 0.342	< 0.337	< 0.332
Zinc	7440-66-6	**23000**	390000	*930*	139	92.2	160	241	47.5	24.7	38.6	34	69.7	275

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-61	B-62	B-63	B-64	B-64 Dup	B-64A	B-65	B-66	B-67	B-68
Sample Date					10/20/98	10/20/98	10/20/98	10/20/98	10/28/98	10/21/98	10/21/98	10/21/98	10/21/98	10/21/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3989.35	3989.37	3989.39	3989.41	3989.43	3996.03	3996.05	3996.07	3996.09	3996.11
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	*1.1*	*1.1*	< 0.52	*1.2*	--	ND	< 0.56	< 0.57	< 0.75	< 0.56
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.27	< 0.27	< 0.26	< 0.29	--	< 0.27	< 0.28	< 0.29	< 0.38	< 0.28
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.27	< 0.27	< 0.26	< 0.29	--	< 0.27	< 0.28	< 0.29	< 0.38	< 0.28
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.27	< 0.27	< 0.26	< 0.29	--	< 0.27	< 0.28	< 0.29	< 0.38	< 0.28
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3989.34	3989.36	3989.38	3989.40	3989.42	3996.02	3996.04	3996.06	3996.08	3996.10
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	0.59 J	0.32 J	< 1.1	< 1.1	--	0.2 J	0.19 J	< 1.1	< 1.1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	0.32 J	< 1.1	< 1.1	< 1.1	--	< 1.1	< 1	< 1.1	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	0.63 J	0.32 J	< 1.1	< 1.1	--	0.19 J	0.17 J	< 1.1	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	0.64 J	0.33 J	< 1.1	< 1.1	--	0.2 J	0.19 J	< 1.1	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	**0.74 J**	0.35 J	< 1.1	< 1.1	--	0.2 J	0.19 J	< 1.1	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	0.42 J	0.18 J	< 1.1	< 1.1	--	0.13 J	< 1	< 1.1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	0.22 J	< 1.1	< 1.1	< 1.1	--	< 1.1	< 1	< 1.1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	<0.0004	<0.0004	<0.0005	0.002	<0.0004	<0.0004	<0.0004	*0.006*
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.049	0.022	0.059	0.042	0.018	0.465	0.013	0.139	0.045	0.071
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0005	<0.0005	<0.0006	<0.0005	<0.0005	<0.0005	<0.0006	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.014	0.008	0.007	0.009	<0.0007	0.153	<0.0006	0.01	0.005	0.008
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.106	0.027	0.115	0.032	0.022	*1.45*	0.012	0.147	0.071	0.082
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.001	0.001	<0.0006	0.016	<0.0005	<0.0005	<0.0006	<0.0005
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.003	0.003	<0.0006	0.022	<0.0005	<0.0005	<0.0006	<0.0005
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0036	<0.0039	<0.0037	<0.0036	<0.0041	<0.0035	<0.0036	<0.0037	<0.0040	<0.0038
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	1.27	1.06	1.32	1.23	1.85	0.858	0.982	1.55	*5.96*	1.19
Arsenic	7440-38-2	**19**	19	*19*	***21.8***	***19.7***	9.14	8.92	***22***	12.7	***21.5***	13.6	15.8	10.7
Beryllium	7440-41-7	**160**	2600	*0.7*	*0.914*	*0.895*	*1.54*	*1.49*	*1.61*	*1.01*	*1.36*	*1.71*	*1.36*	*1.6*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.291	0.289	0.587	0.537	0.164	0.317	0.258	0.33	0.465	0.628
Copper	7440-50-8	**3100**	52000	*910*	*927*	18.8	8.61	3.38	7.83	79	2.47	30.1	66.2	10.4
Lead	7439-92-1	**400**	800	*90*	*276*	17.8	5.97	5.44	9.05	*109*	5.44	69.4	*99.2*	12.9
Mercury	7439-97-6	**23**	390	*0.1*	0.086	0.035	0.031	0.026	0.034	*0.107*	0.025	0.035	*0.12*	0.058
Selenium	7782-49-2	**390**	6500	*11*	< 0.344	< 0.344	< 0.328	< 0.334	< 0.31	< 0.292	< 0.34	< 0.36	< 0.354	< 0.359
Silver	7440-22-4	**390**	6500	*0.5*	< 0.344	< 0.344	< 0.328	< 0.334	< 0.31	< 0.292	< 0.34	< 0.36	< 0.354	< 0.359
Zinc	7440-66-6	**23000**	390000	*930*	214	30.3	56.5	56.4	66.5	105	54.7	141	274	77.2

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-69	B-70	B-71	B-72	B-72 Dup	B-73	B-74	B-75	B-76	B-77
Sample Date					10/21/98	10/21/98	10/21/98	10/21/98	10/21/98	10/21/98	10/21/98	10/26/98	10/26/98	10/26/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					3996.13	3996.15	3996.17	3996.19	3996.25	3996.21	3996.23	4007.03	4007.05	4007.07
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.93	*0.52 J*	< 0.58	*0.53 J*	< 0.61	*0.93*	< 0.9	*1.3*	*0.35 J*	*0.39 J*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.46	< 0.32	< 0.29	< 0.29	< 0.31	< 0.28	< 0.45	< 0.27	< 0.28	< 0.27
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.46	< 0.32	< 0.29	< 0.29	< 0.31	< 0.28	< 0.45	< 0.27	< 0.28	< 0.27
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.46	< 0.32	< 0.29	< 0.29	< 0.31	< 0.28	< 0.45	< 0.27	< 0.28	< 0.27
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					3996.12	3996.14	3996.16	3996.18	3996.24	3996.20	3996.22	4007.02	4007.04	4007.06
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.1	< 1.1	*0.99 J*	< 1	< 1.1	< 1	< 0.98	< 1	0.19 J	< 1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1	< 0.98	< 1	< 1.1	< 1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.1	< 1.1	1.5	< 1	< 1.1	< 1	< 0.98	< 1	0.17 J	< 1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.1	< 1.1	1.2	< 1	< 1.1	< 1	< 0.98	< 1	0.21 J	< 1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.1	< 1.1	**1.6**	< 1	< 1.1	< 1	< 0.98	< 1	0.2 J	< 1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1.1	0.77 J	< 1	< 1.1	< 1	< 0.98	< 1	< 1.1	< 1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1.1	0.4 J	< 1	< 1.1	< 1	< 0.98	< 1	< 1.1	< 1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	0.002	<0.0004	*0.004*	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	*0.699*	0.011	0.414	0.027	0.037	0.008	0.037	0.007	0.003	0.002
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.05	0.02	0.054	0.015	0.015	<0.0006	0.003	<0.0006	<0.0006	<0.0006
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.629	0.022	0.438	0.042	0.059	0.01	0.041	0.003	0.004	0.003
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	0.002	<0.0005	0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	0.003	<0.0005	0.003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0036	<0.0039	<0.0038	<0.0038	<0.0038	<0.0038	<0.0036	<0.0036	<0.0039	<0.0039
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	0.228	0.761	1.04	1.51	2.67	1.33	0.823	< 0.334	0.41	< 0.27
Arsenic	7440-38-2	**19**	19	*19*	10.2	***22.5***	14.1	8.78	11.8	9.27	7.13	6.23	6.89	12.3
Beryllium	7440-41-7	**160**	2600	*0.7*	0.666	*0.885*	*1.14*	*1.46*	*2.65*	*1.23*	*0.938*	*1.04*	*1.05*	*2.23*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.526	0.531	1.18	0.347	0.377	0.15	0.209	0.104	0.158	0.112
Copper	7440-50-8	**3100**	52000	*910*	50.7	47.4	64.9	67.2	58.8	1.81	1.91	3.41	3.38	2.61
Lead	7439-92-1	**400**	800	*90*	*107*	22.8	*178*	*152*	*128*	5.37	5.26	5.54	5.67	5.85
Mercury	7439-97-6	**23**	390	*0.1*	*0.414*	0.033	*0.657*	*1.971*	*2.832*	0.031	0.017	0.053	0.034	0.022
Selenium	7782-49-2	**390**	6500	*11*	0.633	< 0.353	0.541	< 0.345	< 0.306	< 0.276	< 0.332	0.604	0.58	0.537
Silver	7440-22-4	**390**	6500	*0.5*	< 0.334	< 0.353	*2.28*	< 0.345	< 0.306	< 0.276	< 0.332	< 0.501	< 0.533	< 0.405
Zinc	7440-66-6	**23000**	390000	*930*	250	174	251	145	163	48.5	36.3	45.3	48	75.2

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-78	B-79	B-80	B-81	B-82	B-83	B-84	B-85	B-86	B-87
Sample Date					10/26/98	10/26/98	10/26/98	10/26/98	10/26/98	10/26/98	10/26/98	10/26/98	10/26/98	10/26/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4007.09	4007.11	4007.13	4007.15	4007.17	4007.19	4007.21	4007.23	4007.25	4007.27
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.54	*0.45 J*	< 0.55	< 0.57	< 0.6	*0.47 J*	< 0.55	< 0.54	< 0.48	< 0.61
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.27	< 0.29	< 0.27	< 0.28	< 0.3	< 0.28	< 0.28	< 0.27	< 0.24	< 0.31
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.27	< 0.29	< 0.27	< 0.28	< 0.3	< 0.28	< 0.28	< 0.27	< 0.24	< 0.31
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.27	< 0.29	< 0.27	< 0.28	< 0.3	< 0.28	< 0.28	< 0.27	< 0.24	< 0.31
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4007.08	4007.10	4007.12	4007.14	4007.16	4007.18	4007.20	4007.22	4007.24	4007.26
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.1	< 1.1	< 1.1	0.19 J	< 1	< 1	0.49 J	< 1	***19 E***	*3.6*
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1.1	< 1.1	< 1	< 1	< 1	< 1.1	< 1	< 1	< 1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.1	0.18 J	< 1	< 1	0.54 J	< 1	**40 E**	**5.3**
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.1	< 1.1	< 1.1	0.19 J	< 1	< 1	0.56 J	< 1	9.1	3.2
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1	< 1	**0.58 J**	< 1	**26 E**	**4.9**
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1	< 1	0.31 J	< 1	**9.9**	2
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.1	< 1	< 1	< 1	< 1.1	< 1	**8.6**	**0.63 J**
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	<0.0005	<0.0004	0.003	<0.0004	<0.0004	<0.0004	<0.0004	*0.004*
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.004	0.003	0.217	0.371	0.317	0.002	0.022	*0.493*	*0.507*	0.29
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0005	<0.0006	***0.06***	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0022
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	<0.0006	<0.0006	0.113	<0.0006	0.023	<0.0006	0.003	0.014	0.049	<0.0004
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.007	0.007	0.311	0.631	0.482	<0.0012	0.017	0.359	0.626	0.474
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.008	0.01	0.006	<0.0005	<0.0005	<0.0005	0.001	0.01
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0005	0.004	0.01	0.01	<0.0005	<0.0005	<0.0005	0.002	0.013
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0038	<0.0038	<0.0042	**1.479**	<0.0036	<0.0038	<0.0038	<0.0036	<0.0040	***2.007***
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.362	< 0.334	< 0.378	< 0.34	< 0.344	< 0.304	< 0.367	< 0.228	0.513	0.506
Arsenic	7440-38-2	**19**	19	*19*	***22.2***	***21.7***	***19.6***	***25.6***	***19.2***	11.1	12.1	9.95	***25.6***	***20.4***
Beryllium	7440-41-7	**160**	2600	*0.7*	*0.75*	0.654	*1.34*	*1.59*	0.698	*1.95*	*2.31*	*1.42*	*0.904*	*1.86*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.224	0.199	0.312	1.2	0.437	0.155	< 0.092	0.129	0.791	0.388
Copper	7440-50-8	**3100**	52000	*910*	41.9	13.5	61.2	109	76	3.66	6.12	7.07	204	92.8
Lead	7439-92-1	**400**	800	*90*	51	11.2	72.4	*134*	59.4	59.5	23.4	60.5	*202*	*147*
Mercury	7439-97-6	**23**	390	*0.1*	0.026	0.018	*0.295*	*0.794*	*0.14*	0.013	0.04	0.041	*0.148*	*3.539*
Selenium	7782-49-2	**390**	6500	*11*	1.22	< 0.501	0.878	2.01	0.987	< 0.456	0.574	0.484	1.11	1.13
Silver	7440-22-4	**390**	6500	*0.5*	< 0.543	< 0.501	< 0.567	*4.25*	*0.629*	< 0.456	< 0.551	< 0.342	< 0.559	*16*
Zinc	7440-66-6	**23000**	390000	*930*	106	25.1	174	237	191	66.2	81.4	74.3	410	93.6

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-88	B-89	B-90	B-91	B-92	B-93	B-94	B-94 Dup	B-95	B-96
Sample Date					10/26/98	10/26/98	10/26/98	10/27/98	10/27/98	10/27/98	10/27/98	10/27/98	10/27/98	10/27/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4007.29	4007.31	4009.03	4009.05	4009.07	4009.09	4009.11	4009.33	4009.13	4009.15
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.53	< 0.59	< 0.58	< 0.56	< 0.6	< 0.53	< 0.56	< 0.57	< 0.54	< 0.55
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.26	< 0.3	< 0.29	< 0.28	< 0.3	< 0.27	< 0.28	< 0.28	< 0.27	< 0.27
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.26	< 0.3	< 0.29	< 0.28	< 0.3	< 0.27	< 0.28	< 0.28	< 0.27	< 0.27
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.26	< 0.3	< 0.29	< 0.28	< 0.3	< 0.27	< 0.28	< 0.28	< 0.27	< 0.27
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4007.28	4007.30	4009.02	4009.04	4009.06	4009.08	4009.10	4009.32	4009.12	4009.14
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	*1.3*	*0.88 J*	*0.82 J*	0.43 J	0.5 J	< 1.1	0.22 J	0.37 J	< 1.1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 0.99	< 1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	< 1.1	7.2
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	1.7	1.1	1 J	0.36 J	1.9	< 1.1	0.22 J	0.36 J	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	1.4	1.1	0.85 J	0.41 J	4.4	< 1.1	0.21 J	0.4 J	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	**1.8**	**1.2**	**1 J**	0.43 J	***4.3***	< 1.1	0.24 J	0.42 J	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	0.85 J	0.75 J	0.64 J	0.24 J	0.71 J	< 1.1	< 1.1	0.23 J	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 0.99	< 1	0.3 J	0.13 J	0.41 J	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0004	<0.0004	<0.0004	0.002	<0.0004	*0.007*	<0.0004	<0.0004	0.003	<0.0004
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.005	0.049	0.357	0.114	*1.746*	0.463	0.302	0.43	0.32	0.095
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0006	<0.0005	<0.0006	<0.0005	<0.0006	<0.0006	<0.0006	<0.0005	<0.0006
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	<0.0006	0.007	0.021	0.031	***2.44***	0.448	0.093	0.095	0.07	0.032
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.006	0.038	0.364	0.484	***6.171***	***3.4***	0.403	0.413	0.507	0.181
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0006	<0.0005	<0.0006	**0.4**	0.042	0.005	0.005	<0.0005	<0.0006
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0006	<0.0005	<0.0006	**0.39**	0.03	0.006	0.005	<0.0005	<0.0006
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0036	<0.0040	<0.0038	**0.475**	***23.639***	***2.428***	<0.0040	<0.0040	<0.0039	<0.0040
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.284	< 0.218	< 0.357	< 0.406	< 0.449	0.49	0.77	0.388	0.302	< 0.312
Arsenic	7440-38-2	**19**	19	*19*	7.27	8.4	10.1	***20.8***	15.8	***23.3***	***19.8***	18.2	12.3	***19.4***
Beryllium	7440-41-7	**160**	2600	*0.7*	0.597	*1.41*	*1.63*	*1.3*	*1.92*	*1.17*	*1.6*	*1.32*	*1.06*	*2.01*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.114	< 0.055	***1140***	0.583	*3.8*	0.827	0.128	0.233	0.658	0.951
Copper	7440-50-8	**3100**	52000	*910*	4.62	2.91	4.58	125	195	98.6	12.2	11.1	104	21
Lead	7439-92-1	**400**	800	*90*	12.3	10.6	25.8	*226*	*293*	*187*	*127*	*118*	*119*	30.2
Mercury	7439-97-6	**23**	390	*0.1*	0.067	0.038	0.037	*0.697*	*3.81*	*0.408*	*0.135*	*0.106*	*0.232*	
Selenium	7782-49-2	**390**	6500	*11*	0.614	0.539	0.665	1	1.59	1.11	0.994	1.05	0.773	0.845
Silver	7440-22-4	**390**	6500	*0.5*	< 0.427	< 0.327	< 0.535	*1.36*	*12.2*	*1.81*	< 0.56	< 0.541	< 0.428	*0.783*
Zinc	7440-66-6	**23000**	390000	*930*	33	53.2	61.2	167	178	132	84.1	78.7	350	190

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-97	B-98	B-99	B-100	B-101	B-102	B-103	B-104	B-105	B-106
Sample Date					10/27/98	10/27/98	10/27/98	10/27/98	10/27/98	10/27/98	10/27/98	10/27/98	11/02/98	11/02/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4009.17	4009.19	4009.21	4009.23	4009.25	4009.27	4009.29	4009.31	4024.03	4024.05
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.53	< 0.56	< 0.6	< 0.55	< 0.6	< 0.55	< 0.57	< 0.55	< 0.51	< 0.56
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.26	< 0.28	< 0.3	< 0.28	< 0.3	< 0.27	< 0.28	< 0.28	< 0.25	< 0.28
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.26	< 0.28	< 0.3	< 0.28	< 0.3	< 0.27	< 0.28	< 0.28	< 0.25	< 0.28
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.26	< 0.28	< 0.3	< 0.28	< 0.3	< 0.27	< 0.28	< 0.28	< 0.25	< 0.28
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4009.16	4009.18	4009.20	4009.22	4009.24	4009.26	4009.28	4009.30	4024.02	4024.04
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	0.34 J	< 1.1	0.17 J	< 1.2	0.28 J	0.44 J	0.19 J	< 1	< 0.99	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	< 1.1	< 1.2	< 1.2	< 1	< 1.1	< 1.1	< 1	< 0.99	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	0.58 J	< 1.1	0.22 J	< 1.2	0.32 J	0.51 J	0.2 J	0.16 J	< 0.99	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	0.6 J	< 1.1	0.2 J	< 1.2	0.33 J	0.5 J	0.2 J	0.16 J	< 0.99	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	0.29 J	< 1.1	< 1.2	< 1.2	0.29 J	**0.56 J**	0.22 J	< 1	< 0.99	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.2	< 1.2	0.19 J	0.34 J	< 1.1	< 1	< 0.99	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.2	< 1.2	< 1	< 1.1	< 1.1	< 1	< 0.99	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	*0.008*	<0.0005	*0.005*	<0.0005	0.002	<0.0004	<0.0005	<0.0004	*0.007*	<0.0021
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.414	0.006	0.337	0.076	0.09	0.13	0.046	0.272	*0.809*	0.115
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0005	<0.0006	<0.0005	<0.0006	<0.0005	<0.0006	<0.0006	<0.0005	<0.0025	<0.0026
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	*0.666*	<0.0007	0.085	0.021	0.083	0.016	0.004	0.049	*0.618*	0.022
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.538	0.003	*0.767*	0.077	0.179	0.121	0.028	0.263	*0.867*	0.209
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0005	<0.0006	<0.0005	<0.0006	<0.0005	<0.0006	<0.0006	<0.0005	<0.0025	<0.0026
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0005	<0.0006	<0.0005	<0.0006	<0.0005	<0.0006	<0.0006	<0.0005	<0.0025	<0.0026
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0038	<0.0041	**0.468**	<0.0042	<0.0038	<0.0040	<0.0041	<0.0037	<0.0179	<0.0189
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.218	< 0.285	0.685	0.362	< 0.344	< 0.33	< 0.341	< 0.282	< 0.329	0.37
Arsenic	7440-38-2	**19**	19	*19*	10.2	4.6	14.1	7.22	15.4	13.4	18.5	4.96	11.9	13
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.37*	*1.24*	*2.17*	*1.06*	*1.07*	*2.52*	*0.998*	*1.1*	*1.56*	*1.18*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.31	0.178	*3.18*	0.491	< 0.086	0.096	0.128	0.177	< 0.082	0.284
Copper	7440-50-8	**3100**	52000	*910*	11.8	4.24	134	28.5	23	4.58	3.15	11.8	13.5	11
Lead	7439-92-1	**400**	800	*90*	21.7	9.54	*162*	*214*	*399*	11.9	26.7	11.1	23.5	79
Mercury	7439-97-6	**23**	390	*0.1*	*0.131*	0.036	*1.5*	*0.238*	*0.176*	0.021	0.024	0.056	0.061	0.032
Selenium	7782-49-2	**390**	6500	*11*	0.747	< 0.427	1.26	0.693	1.24	< 0.495	< 0.511	< 0.424	1.16	0.731
Silver	7440-22-4	**390**	6500	*0.5*	< 0.327	< 0.427	*15.2*	< 0.516	< 0.515	< 0.495	< 0.511	< 0.424	< 0.494	< 0.536
Zinc	7440-66-6	**23000**	390000	*930*	105	104	204	130	88.9	133	82.3	101	59.1	109

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-107	B-108	B-109	B-110	B-111	B-112	B-113	B-114	B-115	B-116
Sample Date					11/02/98	11/02/98	11/02/98	11/02/98	11/02/98	11/02/98	11/02/98	11/02/98	11/02/98	11/02/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4024.07	4024.09	4024.11	4024.13	4024.15	4024.17	4024.19	4024.21	4024.23	4024.25
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.57	< 0.58	< 0.51	< 0.55	< 0.6	< 0.52	< 0.54	< 0.64	< 0.56	< 0.53
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.29	< 0.29	< 0.25	< 0.27	< 0.3	< 0.26	< 0.27	< 0.32	< 0.28	< 0.27
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.29	< 0.29	< 0.25	< 0.27	< 0.3	< 0.26	< 0.27	< 0.32	< 0.28	*0.5*
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.29	< 0.29	< 0.25	< 0.27	< 0.3	< 0.26	< 0.27	< 0.32	< 0.28	< 0.27
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4024.06	4024.08	4024.10	4024.12	4024.14	4024.16	4024.18	4024.20	4024.22	4024.24
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.1	0.2 J	< 1.1	*3.7*	< 1.1	< 1.1	< 1	*2.1*	< 0.98	*1.3*
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	0.36 J	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1	< 1.1	< 0.98	< 1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.1	**6.7**	< 1.1	< 1.1	< 1	3.6	< 0.98	2.4
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.1	< 1.1	< 1.1	3.9	< 1.1	< 1.1	< 1	2.2	< 0.98	1.7
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.1	**6.1**	< 1.1	< 1.1	< 1	**3.3**	< 0.98	**2.1**
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.1	< 1.1	< 1.1	2.7	< 1.1	< 1.1	< 1	1.9	< 0.98	1.2
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.1	< 1.1	< 1.1	**1.2**	< 1.1	< 1.1	< 1	**0.95 J**	< 0.98	0.5 J
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0022	<0.0022	<0.0022	0.002	<0.0023	<0.0021	<0.0020	<0.0022	0.002	*0.005*
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.044	0.069	0.028	0.369	0.055	0.182	0.011	0.194	0.247	*0.585*
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0027	<0.0027	<0.0027	<0.0026	***0.063***	<0.0026	<0.0025	<0.0027	<0.0026	<0.0024
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.029	0.012	0.061	0.048	0.022	0.047	<0.0030	0.05	0.022	0.138
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.105	0.097	0.042	0.655	0.083	0.324	0.017	0.369	0.292	*0.759*
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0027	<0.0027	<0.0027	<0.0026	**0.386**	<0.0026	<0.0025	<0.0027	0.042	<0.0024
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0027	<0.0027	<0.0027	<0.0026	**0.389**	<0.0026	<0.0025	<0.0027	0.046	<0.0024
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0195	<0.0195	<0.0194	<0.0185	<0.0203	<0.0188	<0.0183	<0.0195	<0.0187	<0.0173
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	1.34	0.439	< 0.214	0.318	0.622	< 0.325	< 0.349	< 0.319	0.471	< 0.319
Arsenic	7440-38-2	**19**	19	*19*	10.6	10.2	12.6	11.2	13.4	17.3	4.59	***26.1***	7.25	5.09
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.47*	*1.07*	*1.85*	*1.46*	*1.1*	*2.44*	*0.712*	*3.18*	*0.976*	*1.7*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.487	0.168	0.123	0.235	0.156	0.267	0.197	0.817	0.52	0.3
Copper	7440-50-8	**3100**	52000	*910*	357	6.07	30.8	13.8	23.4	12	21.1	38.9	50.7	35.4
Lead	7439-92-1	**400**	800	*90*	***515***	12.4	*119*	*96.9*	***454***	25.4	17.8	***779***	*241*	74.7
Mercury	7439-97-6	**23**	390	*0.1*	*16.1*	0.083	0.068	0.065	*0.159*	*0.128*	0.062	*0.286*	0.097	*0.3*
Selenium	7782-49-2	**390**	6500	*11*	1.17	< 0.514	1.07	0.415	1.04	1.02	1.08	0.877	1.34	0.799
Silver	7440-22-4	**390**	6500	*0.5*	*43.2*	< 0.514	*7.83*	< 0.342	< 0.54	< 0.487	< 0.524	< 0.479	< 0.515	< 0.479
Zinc	7440-66-6	**23000**	390000	*930*	393	98.5	63.4	172	94.6	121	28.4	480	150	105

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-117	B-118	B-119	B-120	B-121	B-122	B-123	B-123 Dup	B-124	B-125
Sample Date					11/02/98	11/02/98	11/02/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4024.27	4024.29	4024.31	4027.03	4027.05	4027.07	4027.09	4027.33	4027.11	4027.13
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.56	< 0.48	< 0.65	< 0.53	< 0.59	< 0.63	< 0.55	< 0.58	< 0.53	< 0.53
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.28	< 0.24	< 0.33	< 0.26	< 0.29	< 0.31	< 0.27	< 0.29	< 0.27	*0.46*
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.28	*2.3*	< 0.33	< 0.26	< 0.29	*0.45*	< 0.27	< 0.29	< 0.27	< 0.27
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.28	< 0.24	< 0.33	< 0.26	< 0.29	< 0.31	< 0.27	< 0.29	< 0.27	0.43
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4024.26	4024.28	4024.30	4027.02	4027.04	4027.06	4027.08	4027.32	4027.10	4027.12
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1	< 1	0.31 J	*2.3*	*1.7*	0.55 J	0.52 J	0.59 J	< 1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1	< 1	< 1.1	< 0.99	< 1	< 1.1	< 1.1	< 0.99	*22 B*	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1	< 1	0.35 J	2.1	3	0.23 J	0.41 J	0.53 J	< 1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1	< 1	0.32 J	1.9	2.3	0.34 J	0.58 J	0.65 J	< 1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1	< 1	0.34 J	**2**	**2.2**	0.34 J	0.49 J	**0.53 J**	< 1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1	< 1	< 1.1	0.73 J	0.95 J	< 1.1	< 1.1	0.24 J	< 1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1	< 1	< 1.1	0.36 J	0.42 J	< 1.1	< 1.1	< 0.99	< 1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0020	<0.0020	*0.014*	<0.0020	*0.006*	<0.0021	<0.0022	<0.0022	<0.0021	<0.0021
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.298	0.008	*1.648*	0.1	0.31	0.169	0.023	0.038	0.097	0.053
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0025	<0.0025	<0.0026	<0.0025	<0.0025	<0.0026	<0.0027	<0.0027	<0.0026	<0.0026
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.243	0.009	0.324	0.067	0.073	0.077	0.052	0.033	0.046	0.032
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.236	0.008	*1.29*	0.467	0.469	0.217	0.084	0.04	0.262	0.078
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0025	<0.0025	0.006	0.005	<0.0025	0.006	<0.0027	<0.0027	<0.0026	<0.0026
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0025	<0.0025	0.004	0.003	<0.0025	0.006	<0.0027	<0.0027	<0.0026	<0.0026
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0177	<0.0183	<0.0186	<0.0182	<0.0177	<0.0190	<0.0196	<0.0194	<0.0191	<0.0187
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.284	0.517	< 0.24	< 0.218	0.361	< 0.31	< 0.362	< 0.248	< 0.289	< 0.218
Arsenic	7440-38-2	**19**	19	*19*	4.9	3.68	7.22	7.52	6.28	7.81	11.1	9.79	4	***21.3***
Beryllium	7440-41-7	**160**	2600	*0.7*	0.654	0.36	*0.965*	0.486	*0.73*	*0.843*	*1.03*	*0.824*	0.46	0.557
Cadmium	7440-43-9	**71**	1100	*1.9*	0.139	0.505	0.276	0.326	0.411	0.156	0.163	< 0.062	0.198	0.126
Copper	7440-50-8	**3100**	52000	*910*	44.4	36.5	28	56.9	53.3	10	7.36	6.76	14.1	7.91
Lead	7439-92-1	**400**	800	*90*	*96.6*	27.2	52.7	*239*	85.4	16.3	10.1	9.33	13.8	10.8
Mercury	7439-97-6	**23**	390	*0.1*	*0.772*	*0.219*	*16.199*	*0.187*	*0.45*	0.089	0.031	0.039	*0.552*	0.031
Selenium	7782-49-2	**390**	6500	*11*	1.53	1.64	1.23	0.656	0.799	0.524	0.735	0.471	< 0.434	1.79
Silver	7440-22-4	**390**	6500	*0.5*	< 0.426	< 0.497	< 0.36	< 0.327	< 0.448	< 0.466	< 0.544	< 0.372	< 0.434	< 0.328
Zinc	7440-66-6	**23000**	390000	*930*	27.4	19.7	81.4	105	80.2	49.3	50.2	39.5	62.9	47.1

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-126	B-127	B-128	B-129	B-130	B-131	B-132	B-133	B-134	B-135
Sample Date					11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/03/98	11/04/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4027.15	4027.17	4027.19	4027.21	4027.23	4027.25	4027.27	4027.29	4027.31	4030.03
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.63	< 0.57	< 0.52	< 0.57	< 0.56	< 0.58	< 0.54	< 0.54	< 0.57	< 1.2
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.32	< 0.28	< 0.26	< 0.28	< 0.28	*0.55*	*0.4*	< 0.27	< 0.29	< 0.61
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.32	< 0.28	< 0.26	< 0.28	< 0.28	< 0.29	< 0.27	< 0.27	< 0.29	< 0.61
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.32	< 0.28	< 0.26	< 0.28	< 0.28	0.51	< 0.24	< 0.27	< 0.29	< 0.61
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4027.14	4027.16	4027.18	4027.20	4027.22	4027.24	4027.26	4027.28	4027.30	4030.02
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	0.24 J	< 1.1	0.38 J	< 1.1	< 1.1	< 1.1	0.23 J	< 1	< 1.1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	0.26 JB	< 1.1	0.77 JB	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	0.26 J	< 1.1	0.67 J	< 1.1	< 1.1	< 1.1	0.3 J	< 1	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	0.27 J	< 1.1	0.55 J	< 1.1	< 1.1	< 1.1	0.3 J	< 1	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	0.23 J	< 1.1	0.44 J	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 0.95	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 0.95	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	*0.007*	*0.004*	*0.022*	*0.007*	<0.0022	<0.0020	*0.013*	*0.01*	*0.02*	<0.0023
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.241	0.148	*0.63*	0.193	0.026	0.009	0.26	*0.531*	***6.677***	0.244
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0027	<0.0025	<0.0025	<0.0026	<0.0027	<0.0026	<0.0028	<0.0027	<0.0028	<0.0029
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.301	0.187	0.341	0.051	0.027	0.141	0.129	0.214	***2.612***	0.095
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.269	0.042	*0.723*	0.42	0.019	0.045	0.493	*0.868*	***10.216***	0.21
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0027	<0.0025	0.005	<0.0026	<0.0027	<0.0026	<0.0028	0.003	0.197	<0.0029
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0027	<0.0025	0.006	<0.0026	<0.0027	<0.0026	<0.0028	0.003	0.178	0.003
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0191	<0.0178	<0.0182	<0.0190	<0.0196	<0.0184	<0.0201	<0.0196	<0.0203	<0.0208
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	0.599	< 0.309	< 0.331	< 0.295	1.9	< 0.375	< 0.293	0.275	< 0.242	< 0.234
Arsenic	7440-38-2	**19**	19	*19*	11.5	9.16	15.5	***37.6***	***75***	14.8	***21.5***	8.33	11.8	6.9
Beryllium	7440-41-7	**160**	2600	*0.7*	*0.923*	*0.776*	*1.72*	*2.18*	*0.76*	*1.34*	*1.74*	*0.842*	*0.859*	*1.04*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.375	0.116	< 0.083	0.074	0.158	0.238	< 0.073	0.177	0.254	0.117
Copper	7440-50-8	**3100**	52000	*910*	56.2	6.24	44.6	26.7	35.5	14.8	23.5	56.7	211	29.3
Lead	7439-92-1	**400**	800	*90*	*101*	42.1	*193*	*167*	*155*	89.3	*95.9*	69.4	48.1	86.6
Mercury	7439-97-6	**23**	390	*0.1*	*0.331*	*0.104*	*0.122*	*0.164*	0.024	0.07	*0.134*	*0.106*	*0.12*	*0.243*
Selenium	7782-49-2	**390**	6500	*11*	4.29	1.26	1.01	1.26	*19.3*	1.33	1.16	1.63	1.39	0.931
Silver	7440-22-4	**390**	6500	*0.5*	< 0.422	< 0.463	< 0.496	< 0.443	< 0.475	< 0.563	< 0.439	< 0.393	*0.548*	< 0.352
Zinc	7440-66-6	**23000**	390000	*930*	78.3	36.6	82.9	94.2	43.2	91.2	79.7	29.5	65.6	35.6

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-136	B-137	B-138	B-139	B-140	B-141	B-142	B-143	B-144	B-145
Sample Date					11/04/98	11/04/98	11/04/98	11/04/98	11/04/98	11/04/98	11/04/98	11/04/98	11/09/98	11/09/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4030.05	4030.07	4030.09	4030.11	4030.13	4030.15	4030.17	4030.19	4041.03	4041.05
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.5	< 0.58	< 0.57	< 0.56	< 0.56	< 0.56	< 0.79	*0.62*	< 0.61	< 0.59
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.25	< 0.29	< 0.29	< 0.28	< 0.28	< 0.28	< 0.4	< 0.28	< 0.3	< 0.29
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.25	< 0.29	< 0.29	< 0.28	< 0.28	< 0.28	< 0.4	< 0.28	< 0.3	< 0.29
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.25	< 0.29	< 0.29	< 0.28	< 0.28	< 0.28	< 0.4	< 0.28	< 0.3	< 0.29
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4030.04	4030.06	4030.08	4030.10	4030.12	4030.14	4030.16	4030.18	4041.02	4041.04
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1	*2.9*	< 0.99	< 1	*1.8*	< 1.1	< 1.1	0.28 J	< 1.1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1	< 1.1	< 0.99	< 1	< 1	< 1.1	< 1.1	< 1	0.33 J	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1	2.4	< 0.99	< 1	1.5	< 1.1	< 1.1	0.32 J	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1	2.1	< 0.99	< 1	1.4	< 1.1	< 1.1	0.31 J	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1	**2.5**	< 0.99	< 1	**1.6**	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1	0.95 J	< 0.99	< 1	0.72 J	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1	0.5 J	< 0.99	< 1	0.26 J	< 1.1	< 1.1	< 1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0021	<0.0023	*0.006*	*0.005*	<0.0022	<0.0021	<0.0020	<0.0021	*0.06*	<0.0022
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.025	0.099	0.34	0.278	0.032	0.02	0.059	0.108	0.063	0.013
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0027	<0.0029	<0.0026	<0.0026	<0.0028	<0.0026	<0.0025	<0.0026	0.004	<0.0028
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.065	0.163	0.063	0.088	0.052	0.14	0.066	0.072	0.174	<0.0034
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.028	0.21	0.503	0.327	0.014	0.022	0.166	0.066	0.0087	0.007
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0027	0.004	<0.0026	0.003	<0.0028	<0.0026	0.003	0.004	0.008	<0.0028
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0027	0.058	0.003	0.005	<0.0028	<0.0026	0.003	0.004	0.009	<0.0028
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0193	<0.0206	<0.0189	<0.0190	<0.0199	<0.0190	<0.0179	<0.0188	<0.0204	<0.0202
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.249	0.581	0.378	< 0.304	< 0.249	< 0.281	< 0.298	< 0.214	0.383	0.565
Arsenic	7440-38-2	**19**	19	*19*	13.8	17.7	15.4	8.43	8.98	5.73	11	10.2	10.1	5.54
Beryllium	7440-41-7	**160**	2600	*0.7*	*3.18*	*1.82*	*1.23*	0.622	*0.713*	0.488	*0.797*	0.375	*2.23*	*0.846*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.117	0.134	0.196	0.422	0.276	0.119	0.965	0.083	0.591	0.189
Copper	7440-50-8	**3100**	52000	*910*	29.3	29.7	28.3	18.5	170	57.7	26.2	17.1	3.89	23.1
Lead	7439-92-1	**400**	800	*90*	86.6	*297*	*105*	70.8	34	53.1	*112*	79.5	66.8	12.1
Mercury	7439-97-6	**23**	390	*0.1*	0.028	*0.15*	0.09	*0.745*	*0.333*	0.079	0.088	0.098	0.037	0.024
Selenium	7782-49-2	**390**	6500	*11*	0.931	1.03	1.18	1.94	0.668	1.88	1.02	1.88	0.705	0.924
Silver	7440-22-4	**390**	6500	*0.5*	< 0.374	< 0.515	< 0.469	< 0.455	< 0.374	*1.2*	< 0.447	< 0.32	< 0.52	< 0.491
Zinc	7440-66-6	**23000**	390000	*930*	35.6	125	73.2	63.5	61.1	39.3	61.3	42.7	106	23.1

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-146	B-147	B-148	B-149	B-149 Dup	B-150	B-151	B-153	B-154	B-155
Sample Date					11/09/98	11/09/98	11/09/98	11/09/98	11/09/98	11/09/98	11/09/98	11/09/98	11/09/98	11/09/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4041.07	4041.09	4041.11	4041.13	4041.33	4041.15	4041.17	4041.21	4041.23	4041.25
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.53	< 0.58	< 0.54	< 0.6	< 0.57	< 0.63	< 0.6	< 0.57	< 0.6	*1.1*
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.26	< 0.29	< 0.27	< 0.3	< 0.29	< 0.32	*1.2*	< 0.29	< 0.3	< 0.29
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.26	< 0.29	< 0.27	< 0.3	< 0.29	< 0.32	< 0.3	< 0.29	< 0.3	< 0.29
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.26	< 0.29	< 0.27	< 0.3	< 0.29	< 0.32	< 0.3	< 0.29	< 0.3	< 0.29
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4041.06	4041.08	4041.10	4041.12	4041.32	4041.14	4041.16	4041.20	4041.22	4041.24
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1	< 1.1	< 1.5	< 1.1	< 1.1	*0.78 J*	< 1	0.45 J	< 1.1	*0.87 J*
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1	< 1.1	1.3 J	< 1.1	< 1.1	< 1	< 1	< 1.2	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1	< 1.1	< 1.5	< 1.1	< 1.1	0.95 J	< 1	0.59 J	< 1.1	0.57 J
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1	< 1.1	< 1.5	< 1.1	< 1.1	0.77 J	< 1	0.52 J	< 1.1	0.59 J
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1	< 1.1	< 1.5	< 1.1	< 1.1	**0.87 J**	< 1	**0.62 J**	< 1.1	**0.63 J**
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1	< 1.1	< 1.5	< 1.1	< 1.1	< 1	< 1	0.51 J	< 1.1	0.34 J
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1	< 1.1	< 1.5	< 1.1	< 1.1	< 1	< 1	0.23 J	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0021	<0.0022	<0.0028	<0.0022	<0.0022	0.003	<0.0019	<0.0024	<0.0021	*0.004*
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.034	0.034	0.104	0.228	0.16	0.415	0.003	0.03	0.051	0.152
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0026	<0.0027	<0.0036	<0.0028	<0.0027	0.01	<0.0024	<0.0029	<0.0027	<0.0027
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.01	0.038	0.042	0.081	0.062	0.06	0.014	0.035	0.058	0.056
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.033	0.084	0.175	0.232	0.29	0.213	<0.0053	0.122	0.127	0.083
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0026	<0.0027	<0.0036	<0.0028	<0.0027	<0.0026	<0.0024	<0.0029	0.003	<0.0027
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0026	<0.0027	<0.0036	<0.0028	<0.0027	0.011	<0.0024	<0.0029	0.003	<0.0027
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0186	<0.0195	<0.0256	<0.0201	<0.0196	<0.0185	<0.0172	<0.0212	<0.0191	<0.0194
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.408	0.722	< 0.450	0.538	< 0.316	0.388	0.551	< 0.349	1.01	0.559
Arsenic	7440-38-2	**19**	19	*19*	13.4	18.6	***25.3***	17.5	11.5	8.15	5.08	***19.4***	***34.2***	***19.6***
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.58*	0.61	*1.47*	*2.95*	*1.72*	0.395	0.25	*1.03*	*1.55*	*2.56*
Cadmium	7440-43-9	**71**	1100	*1.9*	1.28	0.264	0.725	0.779	0.5	1.71	0.259	0.678	1.32	0.828
Copper	7440-50-8	**3100**	52000	*910*	36.3	126	23.5	8.34	6.95	28.6	14.6	25.9	193	24.3
Lead	7439-92-1	**400**	800	*90*	41.1	32.5	*270*	*167*	*159*	*264*	7.52	84.6	*162*	*133*
Mercury	7439-97-6	**23**	390	*0.1*	*0.117*	0.048	*0.145*	0.057	0.05	*18.3*	*0.509*	*0.101*	*0.61*	*0.213*
Selenium	7782-49-2	**390**	6500	*11*	1.99	1.08	1.53	1.28	0.733	0.838	2.22	1.44	2.23	1.23
Silver	7440-22-4	**390**	6500	*0.5*	< 0.612	*0.75*	< 0.676	< 0.524	< 0.474	*2.1*	< 0.568	< 0.523	*1.93*	< 0.504
Zinc	7440-66-6	**23000**	390000	*930*	74.4	21.1	88.6	115	80.7	162	19.1	75.3	557	141

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-156	B-158	B-159	B-160	B-161	B-162	B-163	B-164	B-165	B-166
Sample Date					11/09/98	11/09/98	11/10/98	11/10/98	11/10/98	11/10/98	11/10/98	11/10/98	11/10/98	11/10/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4041.27	4041.31	4046.03	4046.05	4046.07	4046.09	4046.11	4046.13	4046.15	4046.17
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.77	< 0.68	< 0.67	< 0.66	< 0.85	< 0.6	< 0.57	< 0.7	< 0.52	< 0.61
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.38	< 0.34	< 0.34	< 0.33	< 0.42	< 0.3	< 0.29	< 0.35	*0.28*	< 0.3
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.38	< 0.34	< 0.34	< 0.33	< 0.42	< 0.3	< 0.29	< 0.35	< 0.26	< 0.3
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.38	< 0.34	< 0.34	< 0.33	< 0.42	< 0.3	< 0.29	< 0.35	< 0.26	< 0.3
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4041.26	4041.30	4046.02	4046.04	4046.06	4046.08	4046.10	4046.12	4046.14	4046.16
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	*2.4*	*0.9 J*	0.68 J	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	0.44 J
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 0.99	< 1	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	< 1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	1.7	1.1	0.58 J	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	0.41 J
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	1.5	1.3	0.67 J	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	0.41 J
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	**1.8**	**1.2**	**0.69 J**	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	0.37 J
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	0.74 J	< 1	0.49 J	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	< 1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	0.35 J	< 1	0.2 J	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1	< 1	< 1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0021	<0.0020	<0.0022	<0.0041	<0.0044	<0.0043	*0.012*	<0.0042	<0.0041	<0.0042
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.098	0.023	0.145	0.36	0.178	0.093	0.348	0.017	0.021	0.02
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0027	<0.0025	<0.0028	<0.0051	<0.0055	<0.0053	<0.0054	<0.0053	<0.0052	<0.0053
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.116	0.052	0.369	0.042	0.456	0.044	0.076	0.019	0.039	0.071
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.059	0.063	0.204	0.106	0.423	0.053	0.487	0.014	0.018	0.053
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0027	0.003	<0.0028	<0.0051	0.019	<0.0053	0.03	<0.0053	<0.0052	<0.0053
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0027	<0.0025	<0.0028	<0.0051	0.037	0.01	0.037	<0.0053	<0.0052	<0.0053
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0192	<0.0179	<0.0199	<0.0367	<0.0394	<0.0384	<0.392	<0.0382	<0.0371	<0.0380
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.348	< 0.254	< 0.319	4.37	0.381	1.59	< 0.354	< 0.368	< 0.293	< 0.256
Arsenic	7440-38-2	**19**	19	*19*	5.9	8.85	***24.3***	***26***	16.3	***63.3***	9.71	***27.9***	13.8	16
Beryllium	7440-41-7	**160**	2600	*0.7*	0.383	0.583	*1.55*	0.619	*1.28*	*0.73*	*0.721*	*0.72*	*0.732*	*1.39*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.45	1.01	0.481	*31.5*	0.693	0.41	0.411	0.402	0.461	0.274
Copper	7440-50-8	**3100**	52000	*910*	19.7	38.2	55.6	495	31.8	88.1	20.6	14	120	26
Lead	7439-92-1	**400**	800	*90*	31.5	*261*	*93.2*	***2580***	***480***	*238*	47.4	24.1	61.4	62.9
Mercury	7439-97-6	**23**	390	*0.1*	0.07	0.062	0.073	*0.115*	*0.605*	*0.114*	0.063	0.033	*0.369*	0.062
Selenium	7782-49-2	**390**	6500	*11*	0.59	0.552	1.25	*13.4*	1.03	8.52	0.903	0.924	0.775	1.02
Silver	7440-22-4	**390**	6500	*0.5*	< 0.522	< 0.381	< 0.478	< 0.459	< 0.55	0.127	< 0.531	< 0.552	< 0.44	< 0.383
Zinc	7440-66-6	**23000**	390000	*930*	45.4	112	81.6	***31900***	269	67.4	100	83.7	231	74.7

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-167	B-168	B-169	B-170	B-171	B-172	B-173	B-175	B-175 Dup	B-176
Sample Date					11/10/98	11/10/98	11/10/98	11/10/98	11/10/98	11/10/98	11/10/98	11/16/98	11/16/98	11/16/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4046.19	4046.21	4046.23	4046.25	4046.27	4046.29	4046.31	4058.03	4058.33	4058.05
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.56	< 0.53	< 0.65	< 0.58	< 0.63	< 0.68	< 0.62	< 0.58	< 0.56	< 0.6
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.28	< 0.27	< 0.32	< 0.29	< 0.32	< 0.34	< 0.31	< 0.29	< 0.28	< 0.3
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.28	< 0.27	< 0.32	< 0.29	< 0.32	< 0.34	< 0.31	< 0.29	< 0.28	< 0.3
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.28	< 0.27	< 0.32	*38 D*	*0.7*	< 0.34	< 0.31	< 0.29	< 0.28	< 0.3
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4046.18	4046.20	4046.22	4046.24	4046.26	4046.28	4046.30	4058.02	4058.32	4058.04
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.4	< 1.1	< 1.1	< 1.1	0.58 J	< 1.1	0.31 J	< 1.1	< 1.1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.4	2.6 B	< 1.1	< 1.1	< 1	< 1.1	< 1.3	< 1.1	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.4	< 1.1	< 1.1	< 1.1	0.81 J	< 1.1	0.29 J	< 1.1	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.4	< 1.1	< 1.1	< 1.1	0.58 J	< 1.1	0.26 J	< 1.1	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.4	< 1.1	< 1.1	< 1.1	**0.74 J**	< 1.1	0.31 J	< 1.1	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.4	< 1.1	< 1.1	< 1.1	0.34 J	< 1.1	< 1.3	< 1.1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.4	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.3	< 1.1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0050	<0.0043	<0.0042	<0.0043	<0.0041	<0.0045	<0.0049	*0.144*	*0.198*	<0.0043
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.026	0.005	0.01	0.083	0.04	0.136	0.039	0.132	0.189	0.006
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0063	<0.0054	<0.0053	<0.0054	<0.0051	<0.0057	<0.0061	<0.0056	<0.0057	<0.0054
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.191	<0.0065	<0.0063	0.029	0.092	0.063	0.092	0.183	0.28	<0.0064
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.044	<0.0119	<0.0116	0.061	0.048	0.123	0.024	0.471	0.608	<0.0118
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	0.01	<0.0054	<0.0053	<0.0054	<0.0051	<0.0057	<0.0061	0.007	0.011	<0.0054
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	0.014	<0.0054	<0.0053	<0.0054	<0.0051	<0.0057	<0.0061	0.012	0.018	<0.0054
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0453	<0.0391	<0.0379	<0.0385	<0.0370	<0.0409	<0.0437	<0.0400	<0.041	<0.0387
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	*11.4*	< 0.358	< 0.313	< 0.371	0.448	< 0.333	1.11	0.54	< 0.345	< 0.367
Arsenic	7440-38-2	**19**	19	*19*	***81.6***	13.1	10.5	15.9	7.35	15.3	***25.2***	8.45	11.3	9.4
Beryllium	7440-41-7	**160**	2600	*0.7*	*2.12*	*3.04*	*1.29*	*1.03*	0.631	*1.2*	*1.59*	*1.32*	*2.03*	*1.13*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.449	0.28	0.215	0.286	0.447	0.37	0.653	0.329	0.243	0.326
Copper	7440-50-8	**3100**	52000	*910*	32.6	3	51.9	32.7	40.3	11.6	25.1	2.92	2.48	4.95
Lead	7439-92-1	**400**	800	*90*	***2550***	4.78	11.2	29.6	*109*	32.5	*191*	54.5	50	13.1
Mercury	7439-97-6	**23**	390	*0.1*	*0.421*	0.025	0.035	0.083	0.087	0.06	0.075	0.026	< 0.024	0.03
Selenium	7782-49-2	**390**	6500	*11*	3.26	0.941	1.08	1	0.708	1.12	1.92	0.613	0.655	0.789
Silver	7440-22-4	**390**	6500	*0.5*	< 0.79	< 0.537	< 0.469	< 0.556	< 0.426	< 0.5	< 0.45	< 0.634	< 0.518	< 0.55
Zinc	7440-66-6	**23000**	390000	*930*	134	97.9	57.7	75.6	143	71.8	80.9	66.7	83.2	68.6

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-177	B-178	B-179	B-180	B-181	B-182	B-183	B-184	B-185	B-186
Sample Date					11/16/98	11/16/98	11/16/98	11/16/98	11/16/98	11/16/98	11/16/98	11/16/98	11/16/98	11/16/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4058.07	4058.09	4058.11	4058.13	4058.15	4058.17	4058.19	4058.21	4058.23	4058.25
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.57	< 0.59	< 0.61	< 0.58	< 0.55	< 0.55	< 0.57	< 0.61	< 0.58	< 0.57
Benzene	71-43-2	**2.2**	11	*0.0094*	*0.76*	*0.44*	< 0.31	< 0.29	< 0.27	< 0.27	< 0.29	< 0.31	< 0.29	< 0.29
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.29	< 0.29	< 0.31	< 0.29	< 0.27	< 0.27	< 0.29	< 0.31	< 0.29	< 0.29
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.29	< 0.29	< 0.31	< 0.29	< 0.27	< 0.27	< 0.29	< 0.31	< 0.29	< 0.29
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4058.06	4058.08	4058.10	4058.12	4058.14	4058.16	4058.18	4058.20	4058.22	4058.24
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	*0.75 J*	< 1.2	< 1	< 1.1	0.46 J
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	< 1	< 1.2	< 1	< 1.1	0.17 J
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	0.34 J	< 1.2	< 1	< 1.1	0.46 J
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	0.36 J	< 1.2	< 1	< 1.1	0.54 J
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	0.34 J	< 1.2	< 1	< 1.1	**0.57 J**
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	< 1	< 1.2	< 1	< 1.1	0.4 J
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1.2	< 1	< 1.1	< 1.2	< 1.1	< 1	< 1.2	< 1	< 1.1	0.29 J
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0047	<0.0041	<0.0045	<0.0048	<0.0044	<0.0042	<0.0046	<0.0044	<0.0047	<0.0044
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.012	0.009	0.082	0.134	0.078	*0.554*	0.009	0.034	0.094	0.027
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0059	<0.0051	<0.0056	<0.0060	<0.0055	0.016	<0.0058	***0.042***	<0.0058	<0.0055
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.102	0.069	0.103	0.072	0.108	*0.506*	0.01	0.104	0.085	0.033
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	<0.0130	0.014	0.156	0.158	0.112	*0.677*	<0.0128	0.03	0.052	0.049
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0059	<0.0051	<0.0056	<0.0060	<0.0055	0.044	<0.0058	<0.0055	<0.0058	<0.0055
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0059	<0.0051	<0.0056	<0.0060	<0.0055	0.043	<0.0058	<0.0055	<0.0058	<0.0055
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0427	<0.0366	<0.0403	<0.0431	<0.0395	<0.0374	<0.0417	<0.0399	<0.0419	<0.0399
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	0.357	0.45	< 0.41	< 0.404	< 0.411	0.353	< 0.268	0.622	< 0.314	< 0.296
Arsenic	7440-38-2	**19**	19	*19*	7.22	8.76	12.4	11.5	11.9	4.35	13	5.88	12.7	12.8
Beryllium	7440-41-7	**160**	2600	*0.7*	0.403	0.437	*0.886*	*1.21*	*0.933*	0.277	*1.81*	0.504	*1.65*	*1.25*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.402	0.171	0.604	0.27	0.266	0.779	0.248	0.281	0.221	0.145
Copper	7440-50-8	**3100**	52000	*910*	12.4	18.3	22.4	7.85	16.4	155	3.95	44.7	9.74	4.78
Lead	7439-92-1	**400**	800	*90*	7.34	14.5	73	21.2	52.6	*97.5*	8.27	59.9	21.2	5.6
Mercury	7439-97-6	**23**	390	*0.1*	0.026	0.025	0.033	0.076	*0.155*	*0.103*	0.026	*0.75*	0.066	0.058
Selenium	7782-49-2	**390**	6500	*11*	1	0.868	1.05	0.775	1.05	0.584	1.25	1.33	0.978	0.933
Silver	7440-22-4	**390**	6500	*0.5*	< 0.497	*15*	< 0.615	< 0.605	< 0.617	*0.715*	< 0.402	< 0.596	< 0.472	< 0.443
Zinc	7440-66-6	**23000**	390000	*930*	77	23.3	90	68.2	56.6	183	61.5	21.7	73.2	48.2

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-187	B-188	B-189	B-190	B-191	B-192	B-193	B-194	B-195	B-196
Sample Date					11/16/98	11/16/98	11/16/98	11/17/98	11/17/98	11/17/98	11/17/98	11/17/98	11/17/98	11/17/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4058.27	4058.29	4058.31	4067.03	4067.05	4067.07	4067.09	4067.11	4067.13	4067.15
Volatile Organic Compounds (mg/kg)														
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.58	< 0.59	< 0.6	< 0.54	< 0.58	< 0.5	< 0.55	< 0.58	< 0.62	< 0.61
Benzene	71-43-2	**2.2**	11	*0.0094*	< 0.29	< 0.29	< 0.3	< 0.27	< 0.29	< 0.25	< 0.28	< 0.29	< 0.31	< 0.3
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.29	< 0.29	< 0.3	< 0.27	< 0.29	< 0.25	< 0.28	< 0.29	< 0.31	< 0.3
Chlorobenzene	108-90-7	**510**	8400	*0.64*	< 0.29	< 0.29	< 0.3	< 0.27	< 0.29	< 0.25	< 0.28	< 0.29	< 0.31	< 0.3
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4058.26	4058.28	4058.30	4067.02	4067.04	4067.06	4067.08	4067.10	4067.12	4067.14
Semi-Volatile Organic Compounds (mg/kg)														
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	0.19 J	< 1.1	0.17 J	< 1.1	< 1.1	0.22 J	0.42 J	*1.5*	*2.6*	*2.6*
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1	< 1.1	< 1.1	0.14 J	0.13 J	0.21 J	0.14 J	< 1.1	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	0.17 J	< 1.1	0.15 J	< 1.1	< 1.1	0.25 J	0.69 J	1.3	2.5	2.3
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	0.2 J	< 1.1	0.2 J	< 1.1	< 1.1	0.24 J	0.57 J	1.6	1.9	1.6
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	0.15 J	< 1.1	0.2 J	< 1.1	< 1.1	0.26 J	0.4 J	**1.8**	**2.6**	**2.5**
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	< 1	< 1.1	< 1.1	< 1.1	< 1.1	0.15 J	0.23 J	0.82 J	1.2	1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	< 1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	0.43 J	**0.54 J**	**0.55 J**
Pesticides/PCBs (mg/kg)														
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0042	<0.0043	<0.0046	<0.0044	<0.0044	<0.0042	<0.0046	<0.0045	<0.0045	<0.0044
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.321	0.073	0.031	0.024	0.273	0.121	0.347	0.041	0.026	0.071
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0052	<0.0054	<0.0058	<0.0056	<0.0055	<0.0053	<0.0057	<0.0056	<0.0057	<0.0055
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.07	0.04	0.042	0.007	0.074	0.088	0.116	0.095	0.103	*0.542*
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.172	0.092	0.121	0.013	0.054	0.155	0.056	0.119	0.03	0.125
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0052	<0.0054	<0.0058	<0.0056	<0.0055	<0.0053	<0.0057	<0.0056	<0.0057	0.028
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0052	<0.0054	<0.0058	<0.0056	<0.0055	<0.0053	<0.0057	0.013	<0.0057	<0.0055
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0377	<0.0387	<0.0418	<0.0400	<0.0395	<0.0381	<0.0412	<0.0401	<0.0409	<0.0399
Metals (mg/kg)														
Antimony	7440-36-0	**31**	520	*5.4*	< 0.315	< 0.288	< 0.265	< 0.295	< 0.379	< 0.326	< 0.383	< 0.403	0.617	< 0.431
Arsenic	7440-38-2	**19**	19	*19*	13.7	6.44	10.7	13.4	9.76	12	13	8.59	15.8	10.3
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.84*	*1.32*	*1.06*	*1.59*	*1.21*	*1.22*	*1.35*	*1.4*	*0.706*	*1.14*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.327	0.204	0.221	0.117	0.202	0.651	0.343	0.706	0.416	0.45
Copper	7440-50-8	**3100**	52000	*910*	8.74	1.94	6.94	4.92	7.83	25.9	10.7	2.94	34.4	29.9
Lead	7439-92-1	**400**	800	*90*	23.1	3.01	16.2	9.83	24.5	50	34.3	7.5	16.8	34.8
Mercury	7439-97-6	**23**	390	*0.1*	0.027	< 0.023	0.034	< 0.024	0.049	0.05	0.059	0.022	*0.362*	0.065
Selenium	7782-49-2	**390**	6500	*11*	0.965	0.57	1.14	0.913	0.825	0.799	1.09	0.616	1.19	1.14
Silver	7440-22-4	**390**	6500	*0.5*	< 0.473	< 0.432	< 0.398	< 0.443	< 0.568	< 0.488	< 0.575	< 0.604	< 0.623	*1.2*
Zinc	7440-66-6	**23000**	390000	*930*	77.4	71.5	47.9	52.3	60.3	85.9	66.8	74.1	49.5	98.5

Exhibit B-2A
Restricted Area Data Table: Pre-Existing Landfill Cover Soil
Landfill FTMM-03, Fort Monmouth, Oceanport, Monmouth County, New Jersey

Field Sample Location	CAS RN	**RSRS**	NRSRS	*MGWSRS*	B-197	B-198	B-199	B-200	B-201	B-202	B-203	B-204	B-205
Sample Date					11/17/98	11/17/98	11/17/98	11/17/98	11/17/98	11/17/98	11/17/98	11/17/98	11/18/98
Lab Sample ID (VOCs only collected 2 feet below ground surface)					4067.17	4067.19	4067.21	4067.23	4067.25	4067.27	4067.29	4067.31	4068.03
Volatile Organic Compounds (mg/kg)													
Methylene Chloride	75-09-2	**50**	260	*0.013*	< 0.56	< 0.54	< 0.56	< 0.58	< 0.52	< 0.55	< 0.57	< 0.57	< 0.55
Benzene	71-43-2	**2.2**	11	*0.0094*	*0.31*	< 0.27	< 0.28	< 0.29	< 0.26	< 0.28	*0.29*	< 0.28	< 0.28
Tetrachloroethene	127-18-4	**47**	1700	*0.0086*	< 0.28	< 0.27	< 0.28	< 0.29	< 0.26	< 0.28	< 0.29	< 0.28	< 0.28
Chlorobenzene	108-90-7	**510**	8400	*0.64*	0.45	< 0.27	< 0.28	< 0.29	< 0.26	< 0.28	< 0.29	< 0.28	< 0.28
Lab Sample ID (All analysis except VOCs - collected 0.5 to 1 feet below ground surface)					4067.16	4067.18	4067.20	4067.22	4067.24	4067.26	4067.28	4067.30	4068.02
Semi-Volatile Organic Compounds (mg/kg)													
Benzo(a)anthracene	56-55-3	**5.1**	23	*0.71*	***10***	0.18 J	0.17 J	0.2 J	***20 JD***	0.39 J	< 1.1	< 1.1	< 1.1
bis(2-Ethylhexyl)phthalate	117-81-7	**39**	180	*14*	< 1.1	11	0.18 J	< 1.1	< 1.1	< 1.1	0.16 J	< 1.1	< 1.1
Benzo(b)fluoranthene	205-99-2	**5.1**	23	*NA*	**10**	0.18 J	0.13 J	0.14 J	**14 JD**	0.39 J	< 1.1	< 1.1	< 1.1
Benzo(k)fluoranthene	207-08-9	**51**	230	*NA*	3.1	0.19 J	0.15 J	0.16 J	3.7	0.39 J	< 1.1	< 1.1	< 1.1
Benzo(a)pyrene	50-32-8	**0.51**	2.3	*NA*	**8.6**	0.14 J	0.11 J	0.16 J	**12**	0.41 J	< 1.1	< 1.1	< 1.1
Indeno(1,2,3-cd)pyrene	193-39-5	**5.1**	23	*NA*	4.5	< 1.1	< 1.1	< 1.1	**6.2**	0.14 J	< 1.1	< 1.1	< 1.1
Dibenzo(a,h)anthracene	53-70-3	**0.51**	2.3	*NA*	**3**	< 1.1	< 1.1	< 1.1	**3.1**	< 1.1	< 1.1	< 1.1	< 1.1
Pesticides/PCBs (mg/kg)													
gamma-BHC (Lindane)	58-89-9	**0.57**	2.8	*0.0035*	<0.0046	<0.0042	<0.0043	<0.0045	<0.0044	<0.0044	<0.0044	<0.0042	<0.0044
4,4'-DDE	72-55-9	**2**	11	*0.47*	0.024	0.066	0.141	<0.0045	0.039	0.045	0.316	0.045	0.103
Dieldrin	60-57-1	**0.034**	0.16	*0.024*	<0.0057	<0.0053	<0.0054	<0.0056	<0.0055	<0.0054	<0.0054	<0.0052	<0.0055
4,4'-DDD	72-54-8	**2.3**	11	*0.47*	0.0183	0.067	0.077	<0.0067	*0.474*	0.084	0.073	0.012	0.026
4,4'-DDT	50-29-3	**1.9**	9.5	*0.67*	0.052	0.044	0.155	<0.0122	0.132	0.096	0.578	0.052	0.041
gamma-Chlordane	5103-74-2	**0.27**	1.4	*1.4*	<0.0057	<0.0053	<0.0054	<0.0056	<0.0055	<0.0054	<0.0054	<0.0052	<0.0055
alpha-Chlordane	5103-71-9	**0.27**	1.4	*1.4*	<0.0057	<0.0053	<0.0054	<0.0056	<0.0055	<0.0054	<0.0054	<0.0052	<0.0055
Aroclor 1260	11096-82-5	**0.25**	1.1	*1.6*	<0.0412	<0.0380	<0.0390	<0.0401	<0.0394	<0.0392	<0.0392	<0.0377	<0.0397
Metals (mg/kg)													
Antimony	7440-36-0	**31**	520	*5.4*	< 0.337	< 0.229	< 0.378	< 0.371	< 0.266	< 0.357	< 0.25	< 0.253	< 0.306
Arsenic	7440-38-2	**19**	19	*19*	9.31	16.3	10.6	5.61	7.15	11.3	9.51	***21.2***	17.9
Beryllium	7440-41-7	**160**	2600	*0.7*	*1.53*	*1.6*	*1.09*	*1.1*	*1.36*	*1.29*	*1.11*	*0.874*	*1.48*
Cadmium	7440-43-9	**71**	1100	*1.9*	0.327	0.441	0.354	0.333	0.306	0.241	0.175	0.467	0.589
Copper	7440-50-8	**3100**	52000	*910*	26.2	10.7	8.63	1.84	14.3	4	4.9	5.73	6.4
Lead	7439-92-1	**400**	800	*90*	35.5	25.6	20.1	3.07	27.2	10.4	6.44	20.2	17.8
Mercury	7439-97-6	**23**	390	*0.1*	0.04	0.065	0.055	< 0.025	0.054	0.044	0.042	0.026	0.077
Selenium	7782-49-2	**390**	6500	*11*	0.797	1.24	0.959	0.505	0.704	0.802	1.27	0.819	0.753
Silver	7440-22-4	**390**	6500	*0.5*	< 0.506	< 0.344	< 0.566	< 0.557	< 0.399	< 0.535	< 0.374	< 0.379	< 0.46
Zinc	7440-66-6	**23000**	390000	*930*	81.2	75.5	54.9	38.5	70.5	48.6	41.2	43.6	57.8

Abbreviations:

RSRS	Residential Soil Remediation Standard
NRSRS	Non-Residential Soil Remediation Standard
MGWSRS	Soil Remediation Standard for the Migration of Ground Water Pathway

Qualifiers:

<	Indicates compound analyzed for but not detected above the method detection limit, shown.
J	The element or compound was detected above the method detection limit but below the reporting limit, and therefore the result is an estimated value.
D	Result from dilution of sample.

Notes:

1. Results and standards are presented in micrograms per kilogram or milligrams per kilogram, as indicated.
2. Sample results are compared to either the RSRS for the inhalation/exposure pathway or the RSRS for the ingestion dermal exposure pathway (whichever is lower), the NRSRS for the inhalationexposure pathway or the NRSRS for the ingestion dermal exposure pathway (whichever is lower), and the MGWSRS (N.J.A.C. 7:26D, last amended May 17, 2021).
3. Highlighted cells indicate the analyte exceeded a standard. Bold/underlined/italic text indicate exceeding the RSRS, NRSRS, or MGWSRS, respectively.
4. Results presented are from the Remedial Investigation Report for landfill FTMM-12, which only presented analytes which exceeded one or more of their respective standards at the time of the report's of publication. That data has been re-presented here, compared to the 2021 NJDEP standards, showing only those analytes which exceed either their respective RSRS, NRSRS, or MGWSRS.

EXHIBIT C

EXHIBIT C

Exhibit C includes the narrative descriptions of the institutional controls and engineering controls for the subject property, as specified in Appendix B of the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS) in N.J.A.C. 7:26C. All current and subsequent owners, operators and lessees will be advised of the conditions and provided copies of the Deed Notice.

i. Exhibit C-1: Deed Notice as Institutional Control: Exhibit C-1 includes a narrative description of the restriction and obligations of this Deed Notice as follows:

(A) General Description of this Deed Notice:

This Deed Notice is being established as an institutional control for the portion of Parcel 44 and Parcel 102A containing landfill FTMM-03. The landfill is a 6.91-acre area where landfill material was identified, as well as VOCs, SVOCs, pesticides, PCBs, and metals exceeding the May 2021 NJDEP Soil Remediation Standards. The engineering control for the landfill is a 24-inch-thick vegetated soil cap, which covers the entire landfill.

By operation of this Deed Notice the restricted area at the subject property is restricted to uses that will maintain the current engineering and institutional controls established. The objective of these restrictions is to prevent potential exposure to- and/or migration of- landfill material or soil that contains contaminants at concentrations exceeding the NJDEP Soil Remediation Standards.

(B) Monitoring of Deed Notice and Engineering Controls:

Monitoring of the institutional and engineering control will consist of an annual inspection of the Restricted Areas, at a minimum, and an evaluation of the engineered cap acting as an engineering control. The annual monitoring will be conducted by the Army or its contractor, at the subject property to determine whether:

1) Any disturbances (including erosion) of the soil in the Restricted Areas resulted in the loss or reduction in protectiveness of the engineering control or an unacceptable exposure to the underlying landfill material or soil;

2) There have been any land use changes subsequent to the filing of this Deed Notice or the most recent biennial certification, whichever is more recent;

3) The current land use on the property is consistent with the restrictions in this Deed Notice;

4) Any newly promulgated or modified requirements of applicable regulations or laws apply to the site; and

5) Any new standards, regulations, or laws apply to the site that might necessitate additional sampling in order to evaluate the protectiveness of the remedial action which includes this Deed Notice, so that additional sampling can be conducted, if necessary.

Annual inspections will be documented and maintained at the site, at the primary office location of the owner, the Person Responsible for the Remediation (U.S. Army), and/or the Person with Primary Responsibility for Permit Compliance.

(C) Description of Biennial Certification:

Annual monitoring for compliance and effectiveness of the institutional and engineering control(s) pursuant to (A) and (B), above, shall be documented in support of a biennial certification of the protectiveness of the remedial action that includes the Deed Notice.

The Biennial Certification shall be submitted, by the U.S. Army or its contractor, to the Department every two years in the format required by the regulations and guidance in effect at the time of submittal.

The Biennial Certification report will include:

1) Certification of the protectiveness of the remedial action and Deed Notice;
2) Description of how the institutional and engineering controls are being maintained;
3) Determination whether the remedial action and deed notice continues to be protective of public health and safety and the environment; and
4) Assessment if Land Use at the property remains consistent with the restrictions in the Deed Notice;

ii. Exhibit C-2 - Engineered Soil Cap:

(A) Description of engineering controls:

Landfill material and contaminated soil was regraded to facilitate drainage and compacted prior to installation of the vegetated soil cap. The engineered soil cap consists of (1) a layer of non-woven 8 oz/yd^2 geotextile filtration fabric placed on top of the compacted soil, (2) 18 inches of common borrow soil to provide a vegetative support layer, (3) 6 inches of topsoil, and (4) is vegetated with northeast meadow grasses and wildflowers. Additionally, where indicated on Exhibit B-1A, the cap consists of (1) a layer of non-woven 8 oz/yd^2 geotextile filtration fabric placed on top of the compacted soil, (2) 18 inches of common borrow soil to provide a vegetative support layer, and (3) 6 inches of #10 screenings.

(B) Objective of the engineering controls:

The objective of the soil cap as an engineering control is to limit the potential for exposure and migration of underlying contaminants present in soil at concentrations in excess of the NJDEP Soil Remediation Standards.

(C) How the engineering control is intended to function:

The engineered soil cap is intended to be a 2-foot thick physical barrier that would limit the potential for human direct contact to the underlying landfill material and soils that exceed the NJDEP Soil Remediation Standards. In addition, the physical barrier will prevent wind or rain based erosion forces that could result in migration of contaminants in the underlying soil. The following describes recommended monitoring and maintenance activities that would facilitate long term effectiveness of the engineering control.

1) Vegetation should be maintained to prevent succession and establishment of deep-rooted vegetation that could compromise the integrity of the soil cap and/or geotextile delineation fabric. Recommended maintenance is an annual mowing of vegetation at the end of each growing season (November / December).

2) The party responsible for remediation (U.S. Army) will conduct annual monitoring of the soil capped areas consisting of inspection and evaluation of the cap to determine its integrity, operability, and effectiveness. The capped area shall be evaluated and maintained on a yearly basis. Areas that show signs of disturbance that reduce the protectiveness of the engineering controls within the Restricted Areas shall be repaired. Inspections and maintenance activities will be logged and photo documented.

3) Alterations, excavations, or other disturbance of the engineering controls cap will be conducted in accordance with the Deed Notice and NJDEP regulations in effect at the time of disturbance. Disturbance activities will occur under a Remedial Action Workplan prepared in accordance with N.J.A.C. 7:26E-5.5 and applicable regulations and guidance in effect at the time of disturbance. Disturbance activities will be conducted in a timely manner and shall not result in the unacceptable exposure to contamination present in the underlying soil. Planned disturbances shall be coordinated with the party with Primary Responsibility for Permit Compliance.

4) The results of inspections, maintenance, and repair activities of the engineering controls shall be documented in a logbook, which will be made available onsite[1] to the NJDEP upon request. The logbook shall contain dates of activities, name of the personnel conducting activities, and the results of activities including documentation of the condition of the cap with photo-documentation as appropriate.

5) During the biennial certification process, a regulatory review will be conducted to determine if newly promulgated or modified requirements exist in relation to the maintenance of this Engineering Control.

[1] If there are no occupants onsite, inspections will be documented and maintained at the primary office location of the owner, the Person Responsible for the Remediation, or the Person with Primary Responsibility for Permit Compliance.