

**U.S. Army Fort Monmouth
Restoration Advisory Board (RAB)
July 10, 2014 ~ 7:00 p.m.**

AGENDA

1. Call meeting to order – Jim Allen
2. Comments old business – Jim Allen
 - Discuss April 3, 2014 meeting minutes.
3. Presentation NJDEP – Fort Monmouth Ecological Evaluation – Linda Range, Ann Charles, Allan Motter
4. Presentation Parsons – Fort Monmouth Landfill Design and Construction – Allyson Kriney and Scott Anderson
5. Discuss IRP Status – Wanda Green
6. Round table discussion – Jim Allen
7. Discuss 2014 meeting schedule. – Jim Allen

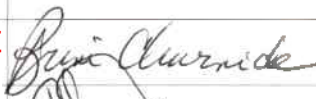
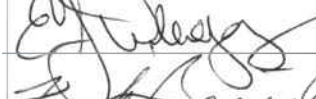
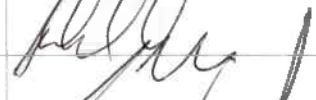
- Thursday, October 2, 2014

*** Please note, RAB meeting announcements will continue to be forward to the media for news release. See website - <http://www.pica.army.mil/FtMonmouth/>.
The Army will not send personal emails to the public for notification of the meetings.

8. Public comments/questions. – Jim Allen
 - *** Please limit all comments and questions to five (5) minutes per public member.
9. Meeting adjourned. – Jim Allen

2014 Fort Monmouth Restoration Advisory Board

Date: July 10, 2014

NAME	ORGANIZATION	ADDRESS	TELEPHONE	EMAIL	SIGNATURE
John Occhipinti	U.S. Army Fort Monmouth/ ACSIM	U.S. Army Fort Monmouth P.O. Box 148 Oceanport, NJ 07757	732-383-5104	john.e.occhipinti.civ@mail.mil	
Wanda Green	U.S. Army Fort Monmouth	U.S. Army Fort Monmouth P.O. Box 148 Oceanport, NJ 07757	W - 732-380-7064	wanda.s.green2.civ@mail.mil	
Linda Range	NJDEP Case Manager	NJDEP Case Manager 401 E. State St., 5th Floor P.O. Box 407 Trenton, NJ 08625-0407	W - 609-984-6606	linda.range@dep.state.nj.us	
Joel Grimm Dave Sorensen(Rep)	Monmouth Co. Dept. of Health	Monmouth County DOH 3435 Hwy 9 Freehold, NJ 07728	732-431-7456	joel.grimm@co.monmouth.nj.us	
Dan Levine	Little Silver Business - Little Silver Community Hardware	44 Church St. Little Silver, NJ 07739	H-Redacted - Privacy Act W-732-747-2133 F-732-747-5420	hardwaredan@verizon.net	
Brian Charnick	Resident - Eatontown	Redacted - Privacy Act	H-Redacted - Privacy Act W-Redacted - Privacy Information	Redacted - Privacy Act	
Edward J. Dlugosz	Resident - Eatontown		H-Redacted - Privacy Act W-Redacted - Privacy Information		
Frank Barricelli	Resident - Oceanport		H-Redacted - Privacy Act		
James Allen	Resident - Tinton Falls		H-Redacted - Privacy Act		
Dianne M. Crilly	Resident - Shrewsbury		H-Redacted - Privacy Act		
Francis R. Owens	Resident - Tinton Falls		H-Redacted - Privacy Act H-Redacted - Privacy Act		
Richard Gruskos	Resident - Oceanport		W-Redacted - Privacy Information		
Tim Rider	U.S. Army Picatinny	U.S. Army ARDEC - PAO Building-93, 1st Floor Picatinny, New Jersey 07806	W-973-724-6364	timothy.rider@us.army.mil	

SIGN-IN SHEET

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PARSONS

U.S. ARMY FORT MONMOUTH

Landfill Design and Construction

c o r e v a l u e s

*RESTORATION ADVISORY BOARD
JULY 10, 2014 MEETING*



Sustainability

Innovation

Integrity

Safety

diversity

Quality

Agenda

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- Overview of Regulatory Documentation Process to Close Out Landfills
- Location of Landfills at Fort Monmouth (FTMM)
- Landfill Cover System Design Components
- Landfill Cover Construction Steps



Overview of Regulatory Documentation Process to Close Out Landfills

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- **Remedial Investigation and Feasibility Study Reports**
 - Characterize the nature and extent of the site
 - Assess risk to human health and environment
 - Develop and evaluate remedial action alternatives
 - Select Preferred Remedial Alternative Selection
 - Obtain NJDEP Acceptance
- **Proposed Plan**
 - Identifies the preferred remedy and explains the rational for the selected remedy
 - Also describes remedial alternatives evaluated
 - 30 day public comment period
 - Obtain NJDEP Acceptance
- **Decision Document**
 - Provides a consolidated summary of site conditions, the selected remedy and reasons for the selection of the remedy
 - Obtain NJDEP Acceptance

Overview of Regulatory Documentation Process to Close Out Landfills

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- Remedial Action Work Plan (N.J.A.C. 7:26E-5.5)
 - Components include:
 - Summary of findings/recommendations from RI/FS Report, including landfill extent
 - Detailed description of the remedy
 - List of required permits
 - Air monitoring plan
 - Health and Safety Plan
 - Soil reuse plan
 - Quality assurance plan
 - Plan to evaluate the effectiveness of the remedy
 - Restoration plan
 - Performance specifications and drawings
 - Construction schedule
 - Obtain NJDEP acceptance

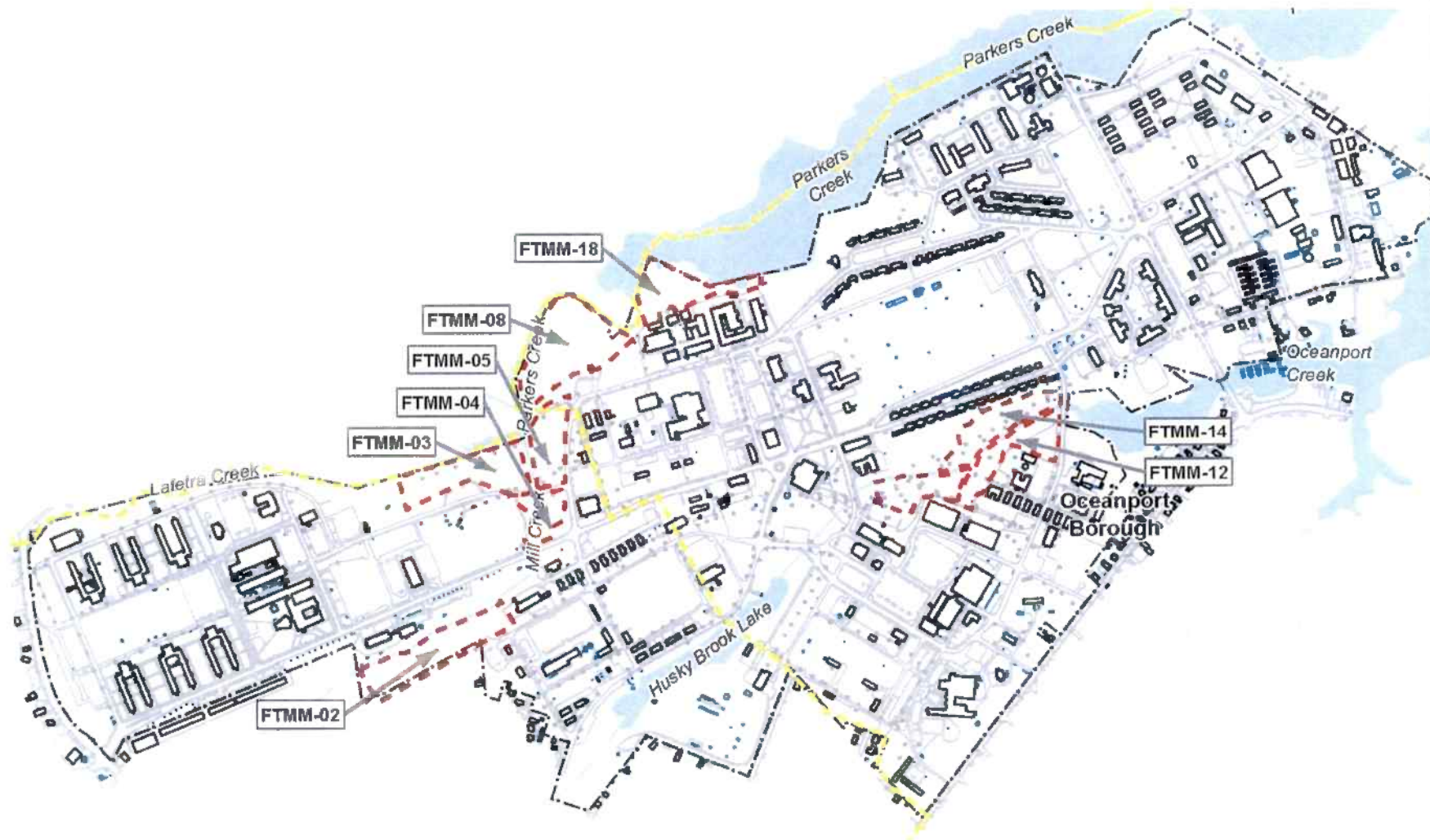
Overview of Regulatory Documentation Process to Close Out Landfills

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- Remedial Action Completion Report (N.J.A.C. 7:26E-5.7)
 - Components include:
 - Documentation that the remedial action objectives have been met
 - Documentation of effectiveness
 - Documentation of the source, type, quantities, and location of fill
 - As-built drawings
 - Operations, Maintenance and Monitoring Plan
 - Description of permits obtained
 - Copy of filed deed notice (Institutional Controls)
 - Obtain NJDEP acceptance

Landfill Locations – Main Post

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Landfill Locations – Charles Wood Area

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Landfill Cover System Design Components

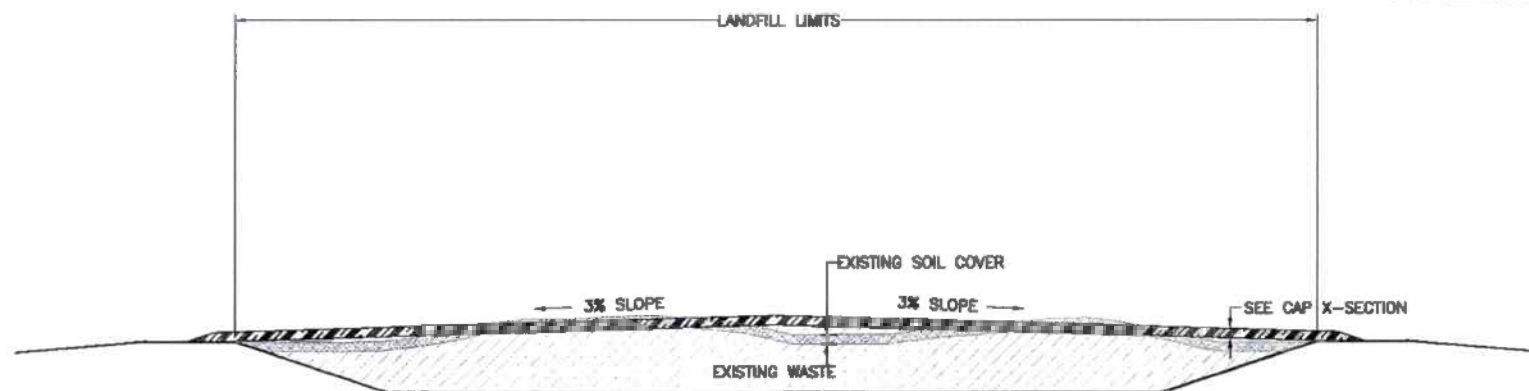
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Landfill Cover System Components

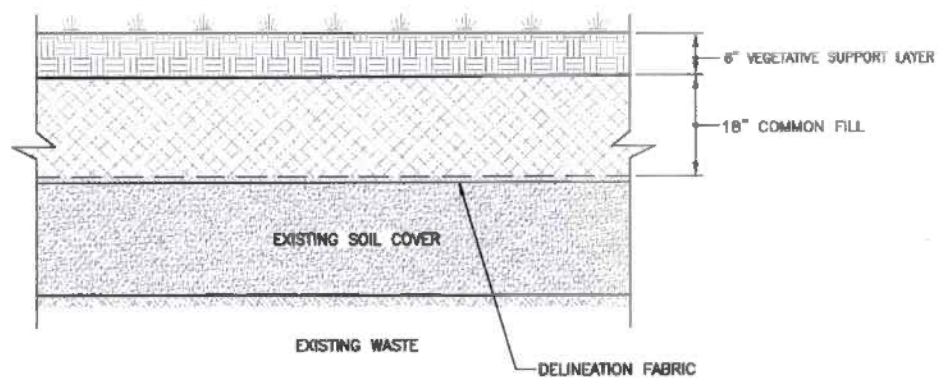
- Landfill Cover Function: Provide safety for future non-residential use
- Components:
 - Delineation fabric placed above existing soil
 - 18-inches of certified clean fill (permeability less than $1 \times 10^{-5} \text{cm/s}$)
 - 6 inches of “certified clean” topsoil
 - Establish a vegetative surface
 - Sloped to promote runoff (minimum 3% grade)

Landfill Cover System Design

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CAP SECTION
N.T.S.



CAP X-SECTION
N.T.S.

Landfill Cover Construction Steps

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- Mobilization and site preparation, including Installation of temporary erosion and sediment controls



Landfill Cover Construction Steps

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- Clearing and grubbing followed by topographic survey



Landfill Cover Construction Steps

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- Placement of subgrade material (as necessary to promote runoff)
- Installation of delineation fabric



Landfill Cover Construction Steps

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- Placement and compaction of 18 inches of certified clean fill



Landfill Cover Construction Steps

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- Placement of 6 inches of top soil



Landfill Cover Construction Steps

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- Seeding of soil cap



Landfill Cover Construction Steps

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- Establish final vegetation cover



■ QUESTIONS