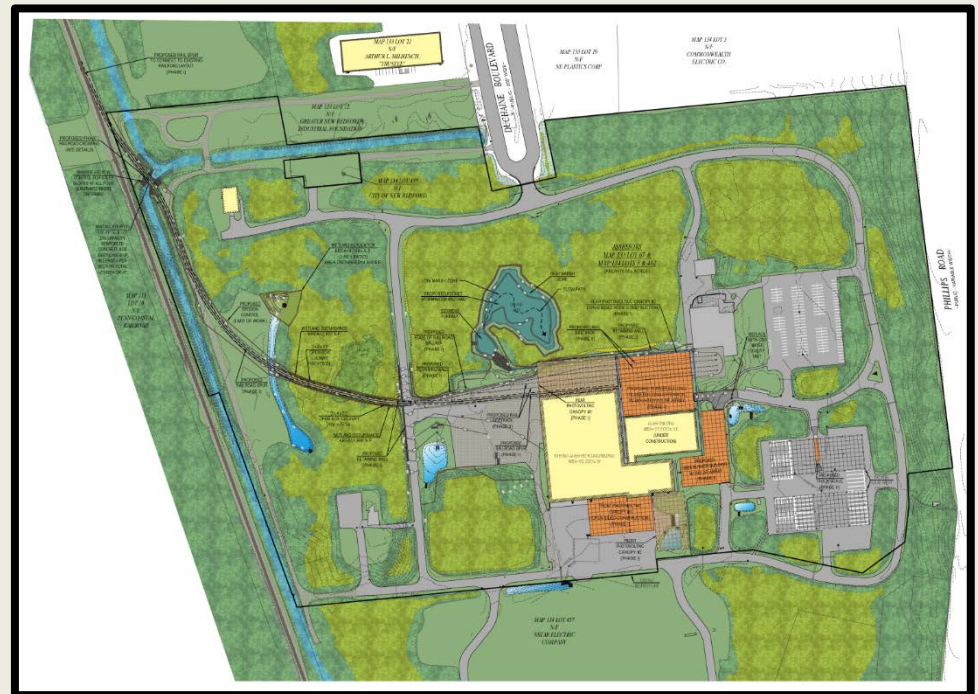
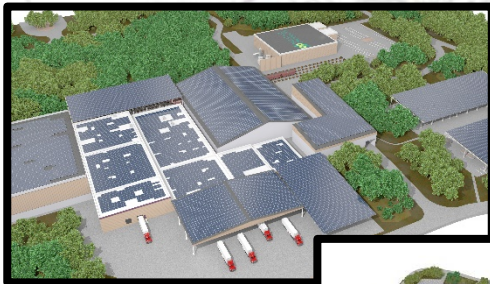


Parallel Products of New England, Inc.

PARALLEL PRODUCTS DEVELOPMENT OVERVIEW



**INFORMATIONAL
MEETINGS**
JANUARY 6TH & 7TH, 2019



Draft Environmental Impact Report

Complete DEIR available at :

www.parallelproductssustainability.com

Comments accepted by the MEPA Office up to
January 23, 2020

Public Comment

1. Mail written comments to

Secretary Kathleen Theoharides

Executive Office of Energy and Environmental Affairs (EEA)

Attn: MEPA Office

EEA No. 15990

100 Cambridge Street, Suite 900

Boston, MA 02114

2. Email written comments to:

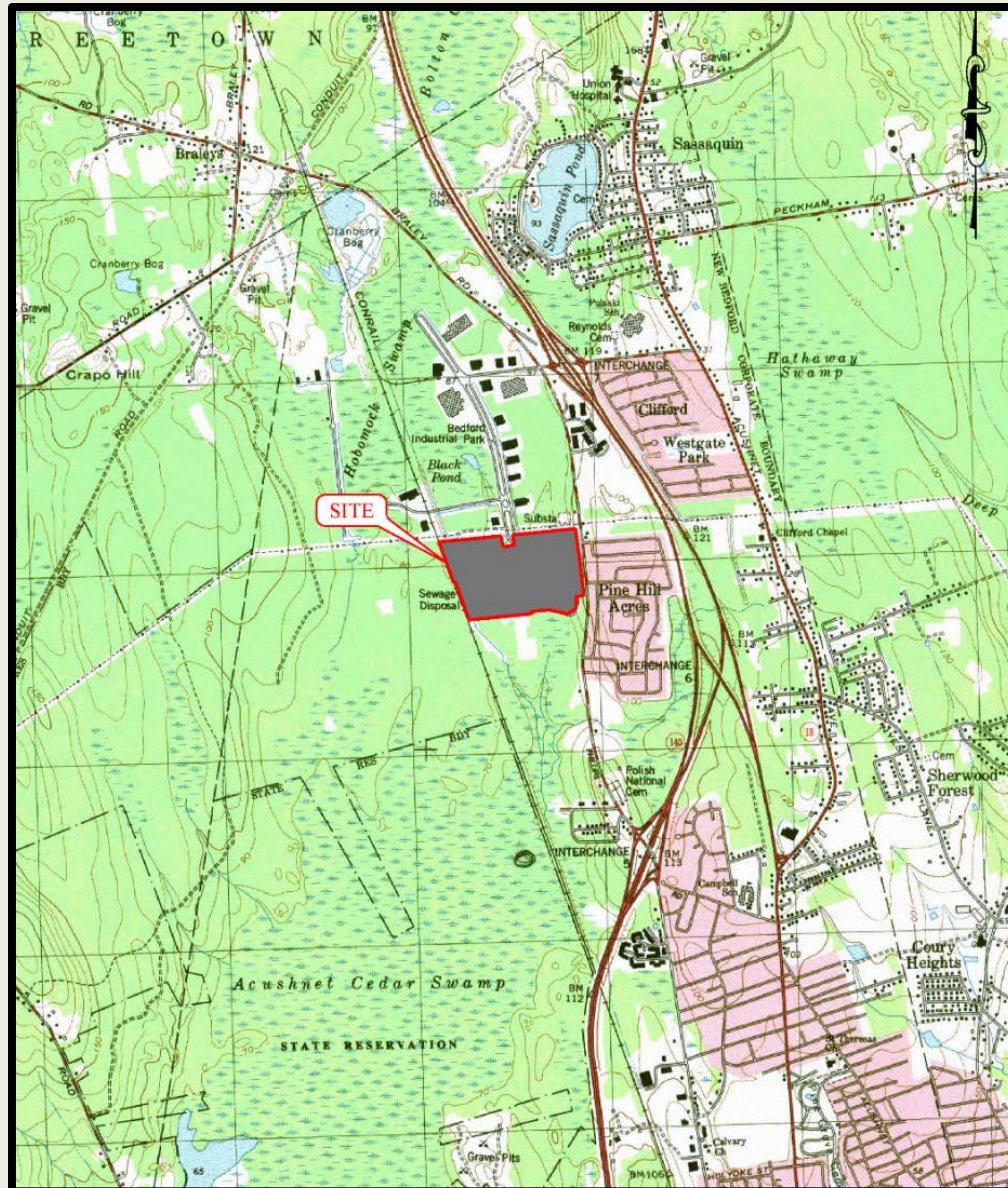
MEPA@mass.gov (Include reference to EEA #15990)

3. Email written comments to the MEPA Public Comment Portal:

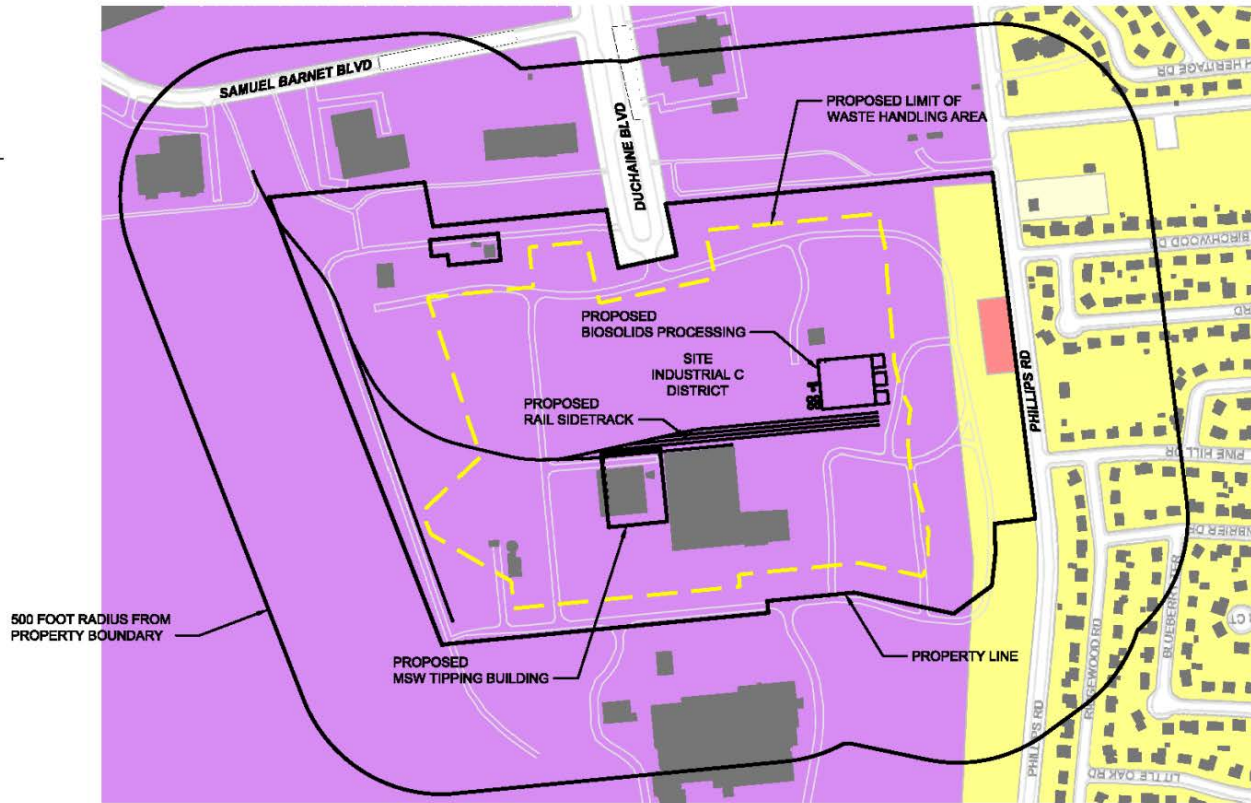
<https://eeaonline.eea.state.ma.us/EEA/PublicComment/Landing/>

Above comment options are included on the first page of the DEIR which can be found at www.parallelproductssustainability.com

Site Location



Site Zoning



New Bedford Zoning Zoning 2015

-  Residential A
-  Residential AA
-  Mixed Use Business
-  Industrial C



Map Produced by:
City of New Bedford
Management Information Systems
June 2015

NOTE:

THE INFORMATION SHOWN ON THIS PLAN WAS OBTAINED FROM THE CITY OF NEW BEDFORD AND MASSGIS.

Project Site-100 Duchaine Boulevard

- Site is within the New Bedford Business Park
- An approximate 71 Acre Site
- Zoning - Approximately 64.8 acres industrial, 5.4 acres residential and 0.6 acres mixed use business
- Developed and used by Polaroid Corp.
- 1.8 miles of access roadways
- Parking lots
- 92,220 square feet of buildings
- Utilities (water, sewer, electric)
- 1.5 MW of roof top and canopy solar power
- Stormwater management facilities

Existing Site



Proposed Project Development

Phase 1

- Glass Processing
- Rail Sidetrack
- 1.9 MW Solar Power Expansion
- Relocation of Parallel Products Operations from Shawmut Avenue

Phase 2

- MSW Processing Facility
- Biosolids Processing Facility
- Expansion of Rail Sidetrack

Phase 1



REVISIONS

FARLAND CORP.

www.FarlandCorp.com

401 COUNTY STREET
NEW BEDFORD, MA 02740
P. 508.717.3479

OFFICES IN:
• TAUNTON
• MARLBOROUGH
• WARWICK, RI

DRAWN BY: MJN
DESIGNED BY: CAF
CHECKED BY: CAF

SITE PLAN
100 DUCHAINE BOULEVARD
ASSESSORS MAP 133 & 134 LOTS 67 AND 5 & 462
NEW BEDFORD, MASSACHUSETTS

PREPARED FOR:
PARALLEL PRODUCTS OF FERR ENGLAND
100 DUCHAINE BOULEVARD
NEW BEDFORD, MA 02745

OCTOBER 15, 2019
SCALE: 1"=100'
JOB NO: 15-500.2
LATEST REVISION

PRESENTATION
SHEET 1 OF 1

Phase 1



Phase 1 - Detail



Phase 1 Permitting

- Waiver from further MEPA review
- New Bedford Conservation Commission
- New Bedford Planning Board

Phase 2 Site Plan



REVISIONS	



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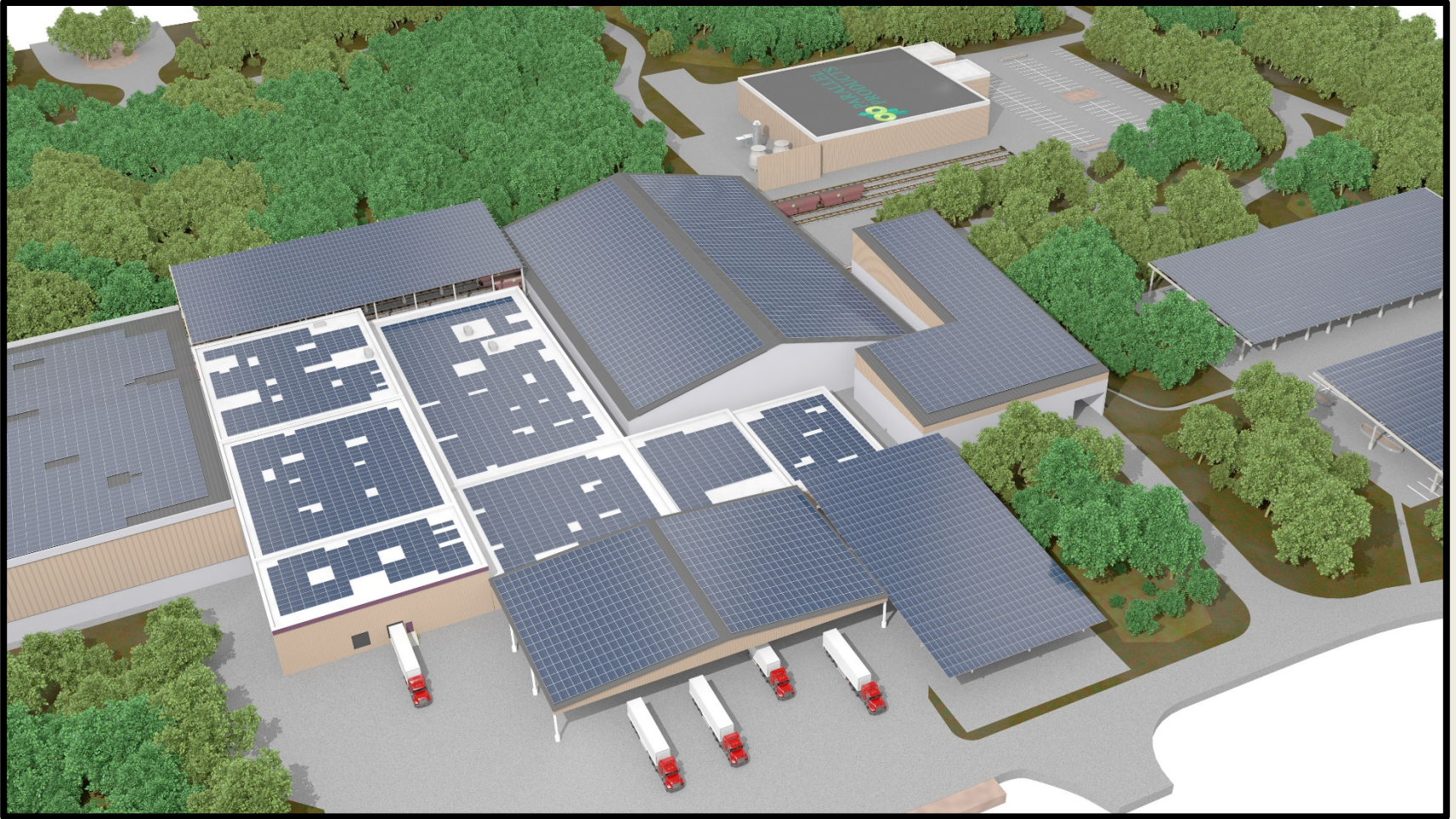
SITE PLAN
 100 DUCHAINE BOULEVARD
 ASSESSORS MAP 133 & 134 LOTS 67 AND 6 & 462
 NEW BEDFORD, MASSACHUSETTS
 PREPARED BY: GUY
 100 DUCHAINE BOULEVARD
 NEW BEDFORD, MA 02745

REVISIONS
 JANUARY 8, 2020
 SCALE: 1"=100'
 JOB NO. 15-500-2
 LATEST T.S. & C.I.
 PRESENTATION
 SHEET 1 OF 1

Phase 2 - Rendering



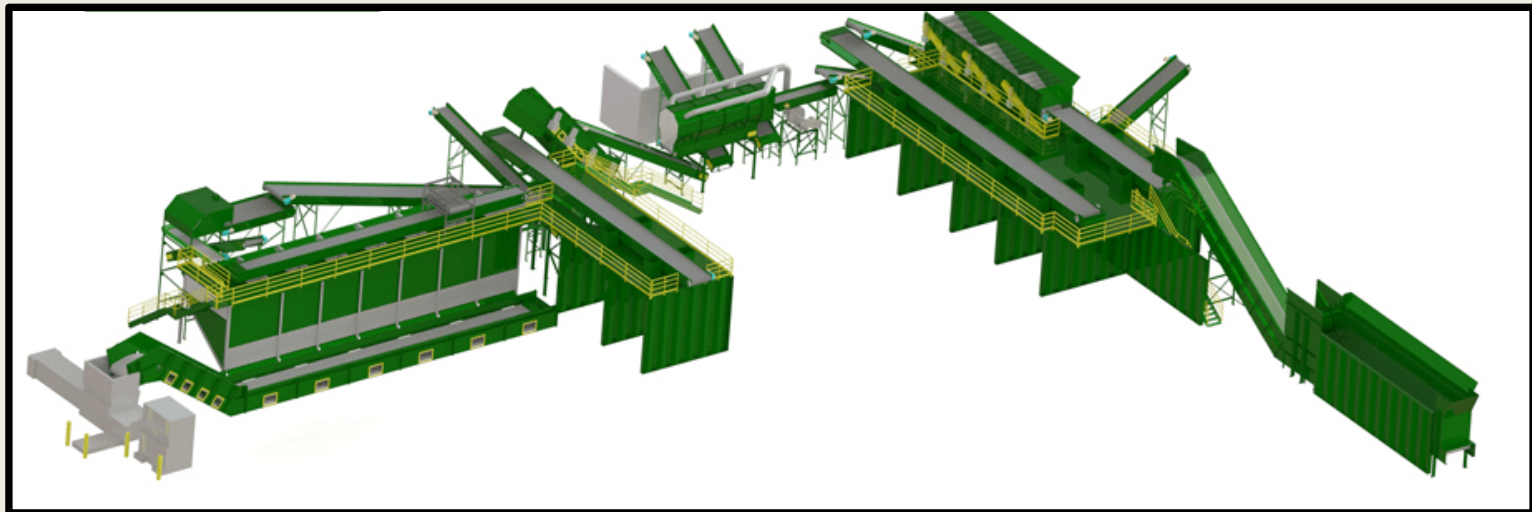
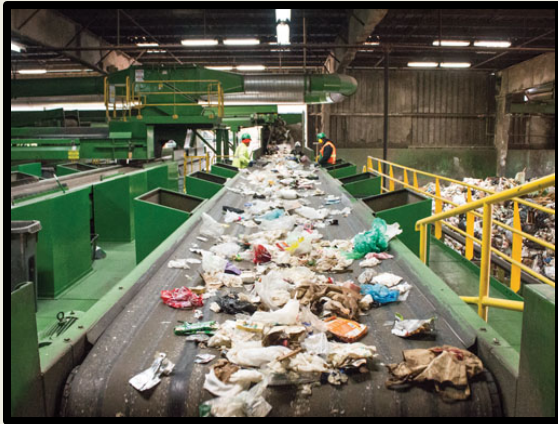
Phase 2 - Rendering



MSW Processing

- Facility will process municipal solid waste (MSW) and construction and demolition waste (C&D) indoors
- Proposed Daily Capacity-up to 1,500 tons per day
- Waste will be processed to extract recyclable material from the waste accepted.
- Waste that cannot be recycled will sent to out of state disposal facilities by rail

MSW Processing Line Examples



Baled Waste



MSW Processing Environmental Controls

- All waste handling is within enclosed buildings
- Residual waste is placed in airtight/watertight containers or airtight/watertight bags prior to rail shipment
- All waste handling is on impervious concrete floors-any liquids are collected and sent to a wastewater treatment plant
- MSW building will include a misting system with odor counteractant to control dust and odor
- MSW is typically on site for 24 hours or less before rail shipment to a disposal site

Biosolids Processing

- Processing facility will accept up to 50 dry tons of biosolids per day
- Facility will be capable of receiving and processing liquid biosolids (3-8% solids) and biosolids cake (20-28% solids)
- Liquid biosolids are initially dewatered to 30% solids by a screw press or belt press
- Dewatered biosolids and biosolids cake are then dried to 93% solids by a natural gas fired drier
- Removal of water reduces the volume and tonnage of material to be sent for disposal

Biosolids Processing Environmental Controls

- All biosolids handling will be within an enclosed building
- All biosolids handling will be on impervious concrete floors with any liquids collected and sent to a wastewater treatment facility
- All biosolids handling areas of the processing building will be maintained under negative pressure to control odor
- Air exhausted from the processing area will be sent to a biofilter prior to discharge to the environment

Biosolids Dryer



Phase 2 Permitting

1. Expanded Environmental Notification Form (EOEEA)
Includes 30 day comment period (Was extended to 44 days)
2. Draft Environmental Impact Report (EOEEA)
Includes 30 day comment period (Is extended to 60 days)
3. Final Environmental Impact Report (EOEEA)
Includes 30 day comment period
4. BWP SW 01 Site Suitability Report (MassDEP)
Includes 21 day comment period
5. Site Assignment (New Bedford Board of Health)
Includes 21 day public comment period and public meeting
6. BWP SW 05 Authorization to Construct (MassDEP)
Includes 30 day comment period
7. BWP SW 06 Authorization to Operate (MassDEP)
Includes 21 day comment period
8. Notice of Intent (New Bedford Conservation Commission)
Includes public hearing
9. Site Plan Approval (New Bedford Planning Department)
Includes public hearing

MassDEP Siting Criteria

- Zone 1 of a Public Water Supply
- IWPA and Zone 2 Areas
- Zone A of a Surface Water Supply
- Private Water Supplies
- Occupied Facilities
- Riverfront Area
- Depth to Groundwater
- Agricultural Land
- Traffic Impacts
- Wildlife and Wildlife Habitat
- Areas of Critical Environmental Concern
- Protection of Open Spaces
- Potential Air Quality Impacts
- Potential for the Creation of Nuisance Conditions
 - Noise
 - Litter
 - Vectors
 - Odor
 - Bird Hazards to Navigation
- Size of the Facility

Studies Conducted

- Site Suitability Criteria - (Green Seal)
- Traffic Impact Study - (McMahon)
- Sound Level Assessment - (Epsilon)
- Odor Modeling Study - (Epsilon)
- Air Quality Study - (Epsilon)
- Greenhouse Gas Policy - (Epsilon)
- Environmental Justice - (Epsilon)

Link

- <https://www.dropbox.com/s/16vkwj3v0ksjso/Parallel-Employees-Community-Meeting-1.mp4?dl=0>