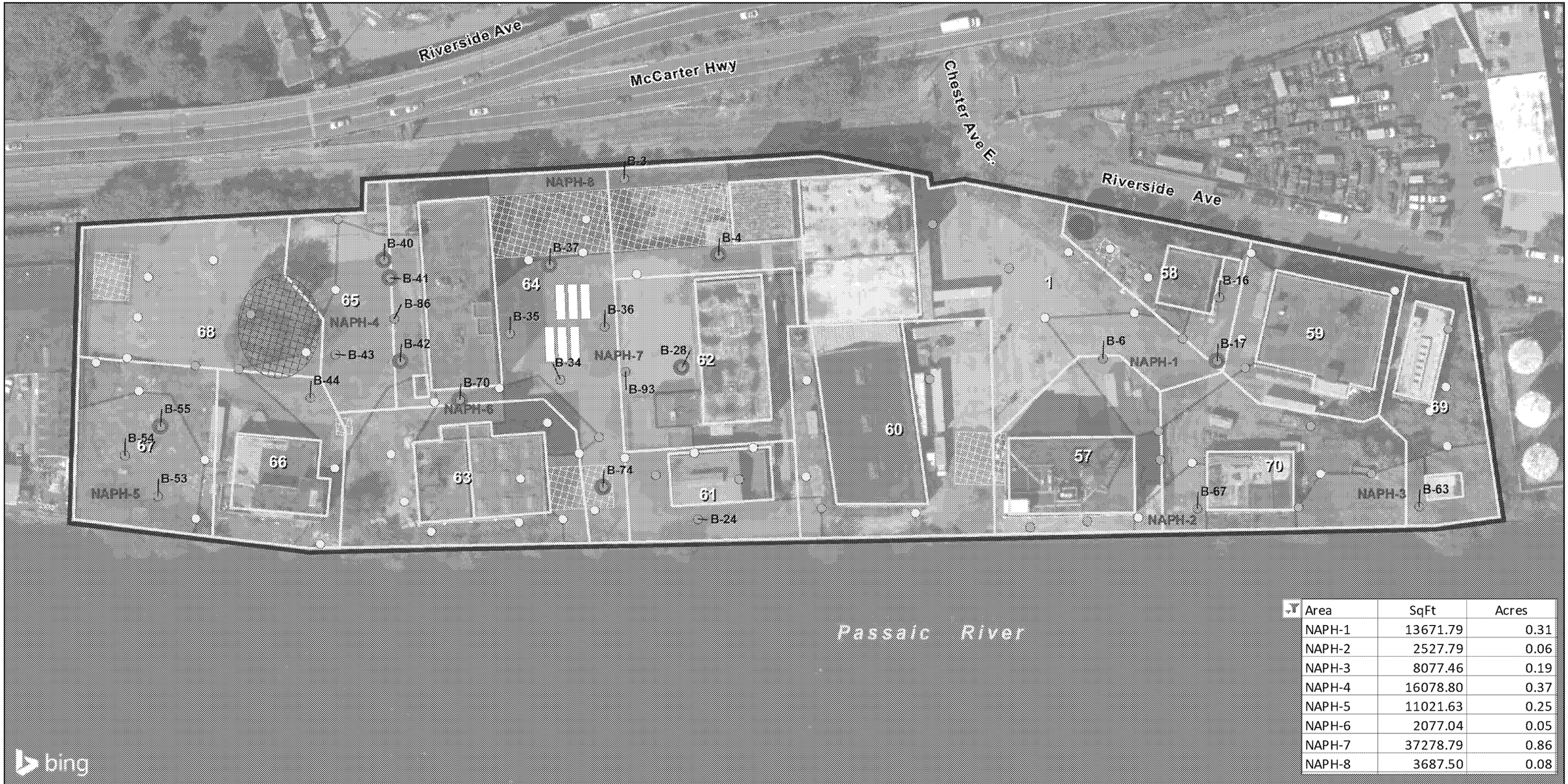


Area	SqFt	Acres
NAPH-1	13671.79	0.31
NAPH-2	2527.79	0.06
NAPH-3	8077.46	0.19
NAPH-4	16078.80	0.37
NAPH-5	11021.63	0.25
NAPH-6	2077.04	0.05
NAPH-7	37278.79	0.86
NAPH-8	3687.50	0.08

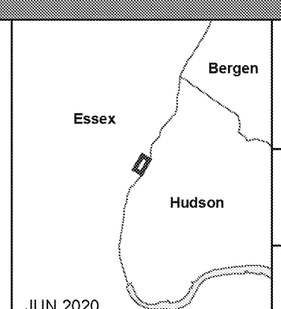
Structure
- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

- Study
- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- Historical Sample
- RI Soil Boring
- Detection Below PRG
- Non-Detect
- Detection Exceeds PRG
- PRG Exceedance (nondetect reported at quantitation limit)

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", http://data.ci.newark.nj.us

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.



JUN 2020

Figure A-13
Site-Wide Soil Sampling Results for Soil Gas Alternatives: Naphthalene
Riverside Industrial Park Superfund Site
Essex County, New Jersey

Louis Berger

0 100 200 Feet

S:\Projects\passaic\MapDocuments\0024_RiversideIndustrial\FS_SG_NaphthaleneRemovalArea.mxd

Area	SqFt	Acres
TCE-1	28907.11	0.66
TCE-2	4532.19	0.10
TCE-3	51815.44	1.19
TCE-4	5036.70	0.12
TCE-5	1742.84	0.04
TCE-6	23382.09	0.54

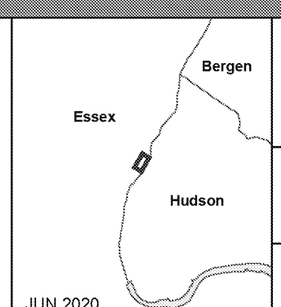
Structure
- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

- Study Area
- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- RI Soil Boring
- Historical Sample
- Non-Detect
- Detection Below PRG
- Detection Exceeds PRG
- * PRG Exceedance (nondetect reported at detection limit)

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", http://data.ci.newark.nj.us

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.



JUN 2020

Figure A-14
Site-Wide Soil Sampling Results fo
Soil Gas Alternative: TCE-PRG
Riverside Industrial Park Superfund Site
Essex County, New Jersey

Louis Berger

N
0 100 200 Feet

S:\Projects\passaic\MapDocuments\0024_RiversideIndustrial\FS_SG_TrichloroethyleneRemovalArea.mxd

Area	SqFt	Acres
Xy-1	6832.53	0.16
Xy-2	3749.60	0.09
Xy-3	6933.22	0.16
Xy-4	9386.19	0.22
Xy-5	1685.91	0.04
Xy-6	12740.48	0.29
Xy-7	3087.33	0.07

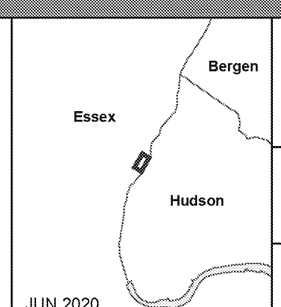
Structure
- Existing
- Demolished/Partially Demolished
- UST
- Former Soil Mound

- Study Area
- Parcel (Newark, Oct 2017)
- Footprint of Remedial Action

- RI Soil Boring
- Historical Sample
- Non-Detect
- Detection Below PRG
- Detection Exceeds PRG

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", http://data.ci.newark.nj.us

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.
3. Total Xylenes calculation is consistant with the BHHRA.



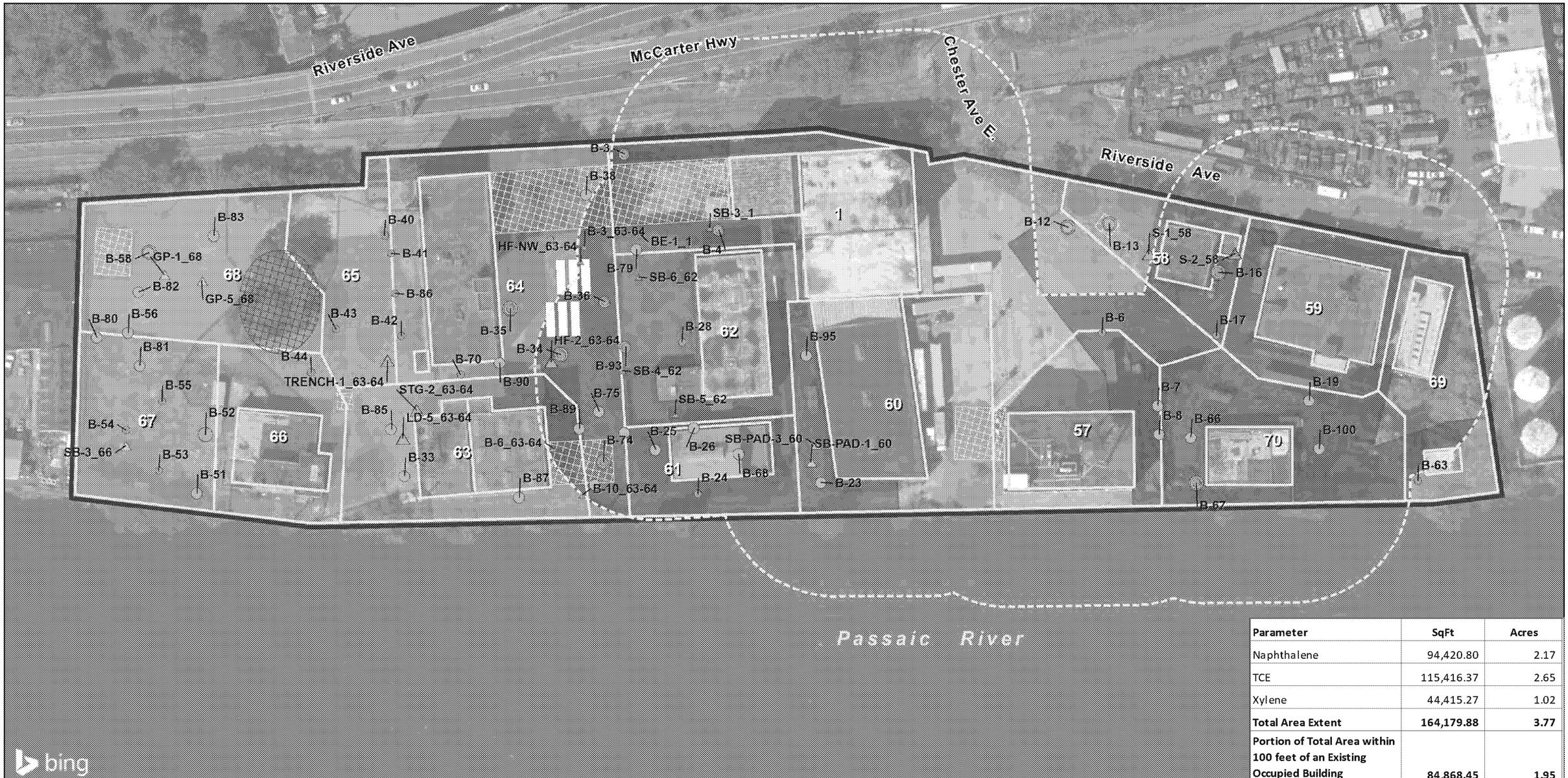
JUN 2020

Figure A-15
Site-Wide Soil Gas Sampling Results for Soil Gas Alternatives: Xylenes (Total)
Riverside Industrial Park Superfund Site
Essex County, New Jersey

Louis Berger

N
0 100 200 Feet

S:\Projects\passaic\MapDocuments\0024_RiversideIndustrial\FS_SG_Xylenes RemovalArea.mxd



Parameter	SqFt	Acres
Naphthalene	94,420.80	2.17
TCE	115,416.37	2.65
Xylene	44,415.27	1.02
Total Area Extent	**164,179.88**	**3.77**
Portion of Total Area within 100 feet of an Existing Occupied Building	**84,868.45**	**1.95**

Structure
- Existing
- Demolished/Partially Demolished
- UST

* PRG Exceedances include nondetect results at Quantitation Limit.

- Study Area
- Parcel (Newark, Oct 2017)
- Former Soil Mound
- 100 Foot Buffer of Existing Occupied Building

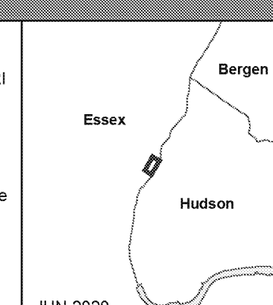
Footprint of Remedial Action
- Within 100 feet of Existing Occupied Building
- Outside of 100-foot Occupied Building Area

Boring Location with PRG Soil Exceedance *
- Xylene
- TCE
- Napathalene

PRG Exceedance
- Historical Sample Location
- RI Sample Location

Sources:
2020 "ArcGIS Map Service, Bing Aerial Photography"
2020 "PPG/Woodard & Curran Riverside Industrial Park RI Report"
2017 "City of Newark Parcel GIS", http://data.ci.newark.nj.us

Notes:
1. Field Duplicate and Parent Sample Concentrations were averaged.
2. Following the soil mound removal on lot 68, surface samples at locations B-59 and B-60 were not included in this evaluation.
3. Total Xylenes calculation is consistent with BHHRA.



JUN 2020

Figure A-16
Site-Wide Sampling Results for Soil Gas Alternatives: Combined Parameters
Riverside Industrial Park Superfund Site
Essex County, New Jersey

Louis Berger

0 100 200 Feet

S:\Projects\passaic\MapDocuments\0024_RiversideIndustrial\FS_SoilGasCompositeRemovalArea.mxd