

**Legend**

Grid Cell

TCRA Investigation Boundary

**Kriging**

< 2

2 - 3



3 - 4

4 - 5

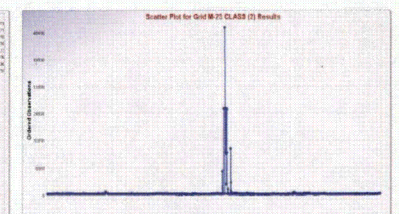
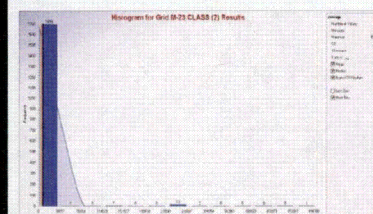
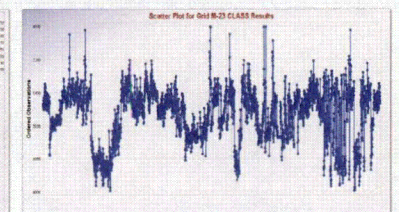
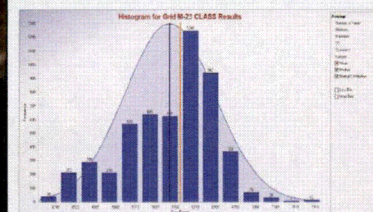
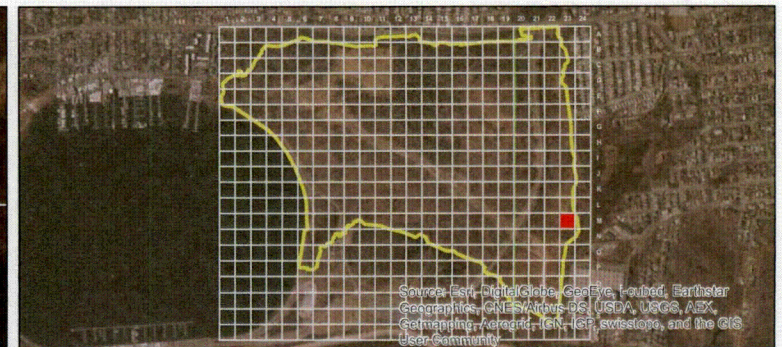
> 5



0 50 100 150 Feet

		
<b>TIDEWATER INC</b> <small>ENGINEERS / DESIGNERS / PROGRAM MANAGERS</small>		<b>U.S. Army Corps of Engineers Philadelphia District</b>
<h1>Grid Cell M-23 Kriging</h1>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
JHG		
DRAWN BY		
JHG		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014





**Legend**

Grid Cell

TCRA Investigation Boundary

**Kriging**

< 2

2 - 3

3 - 4

4 - 5

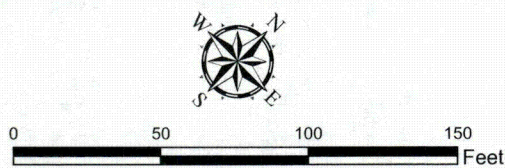
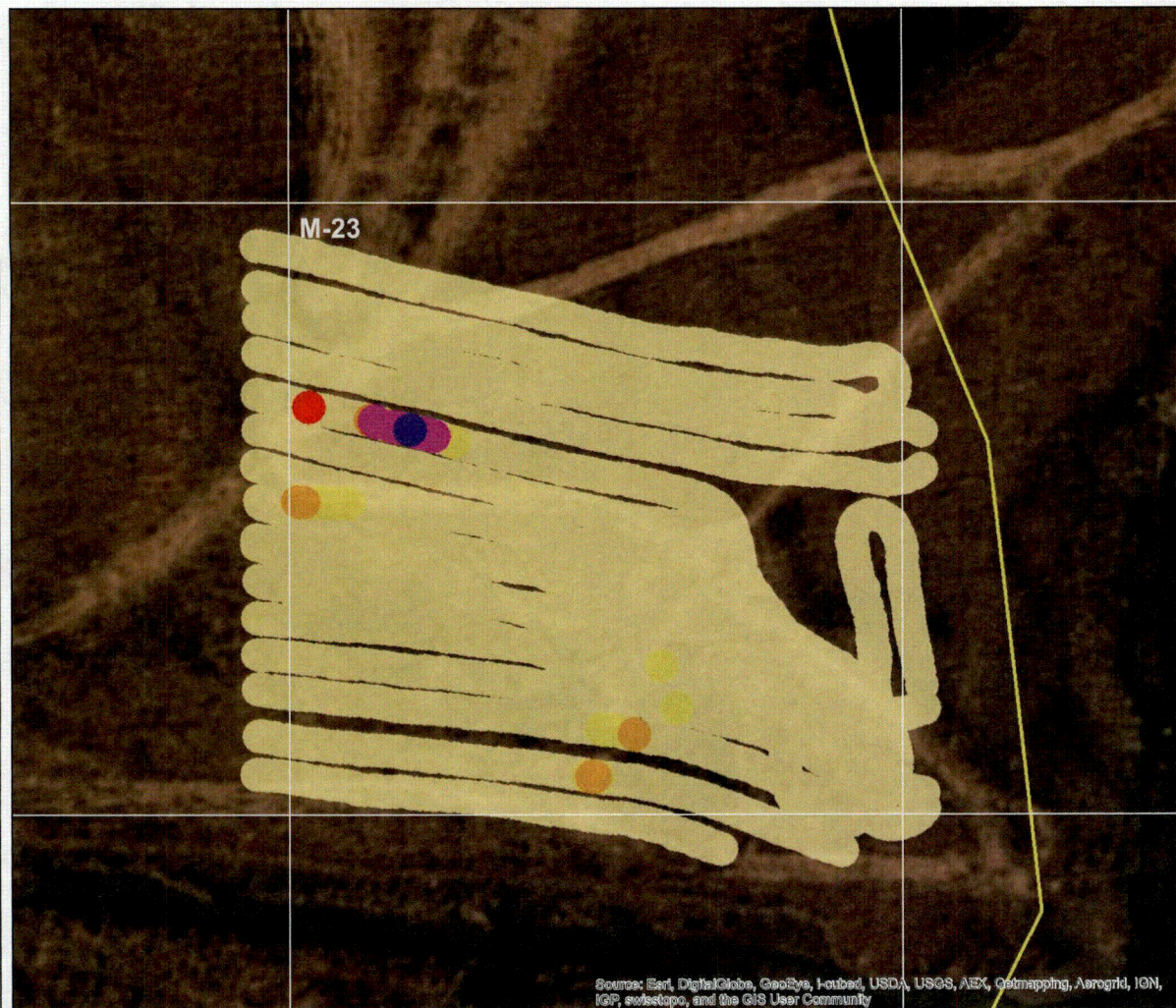
> 5



0 50 100 150 Feet

<b>Grid Cell M-23 Kriging</b>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014
CG		

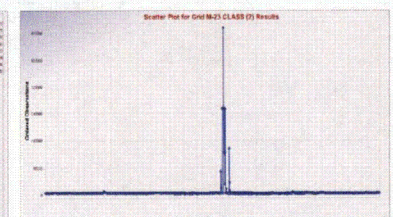
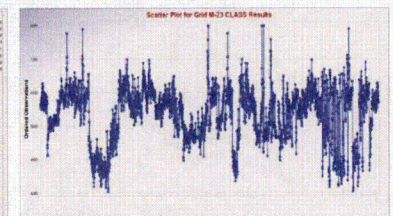
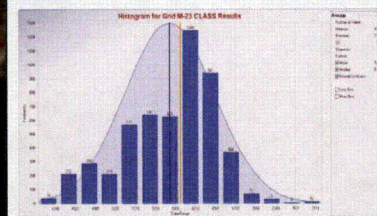
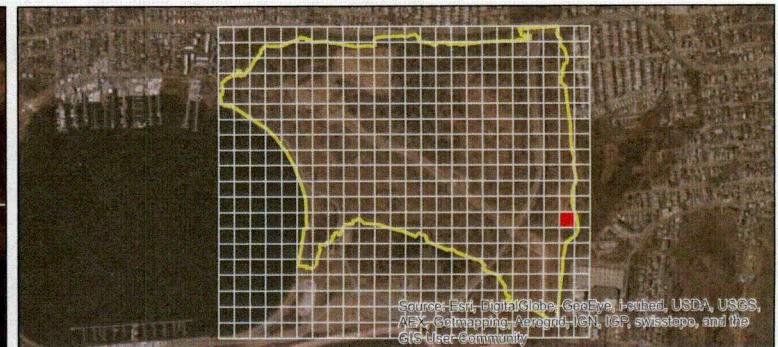




#### Legend

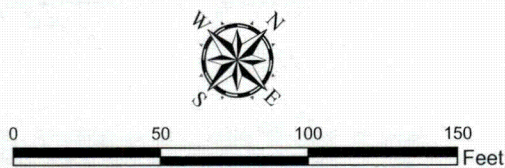
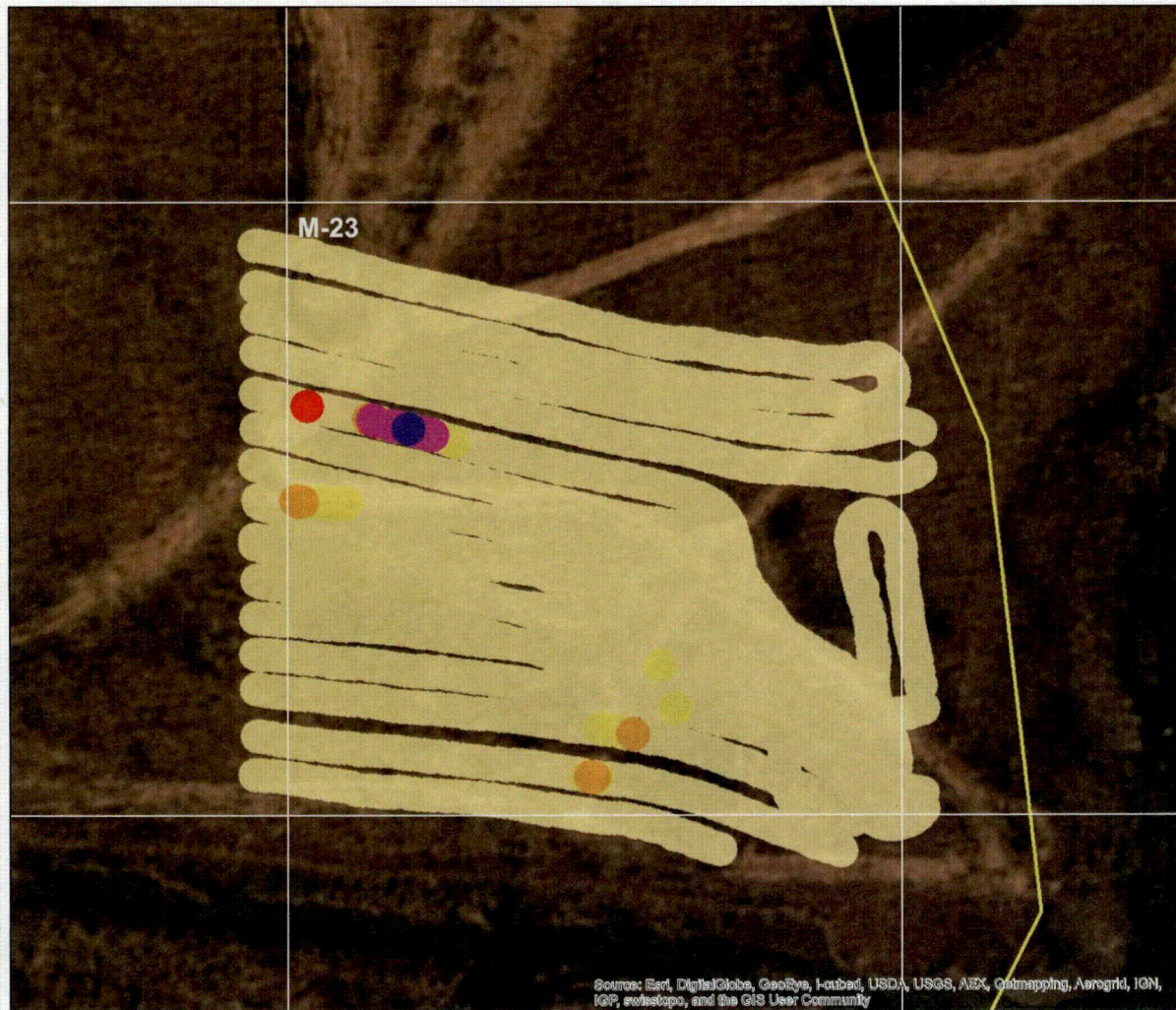
- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
  - 2 - 3
  - 3 - 5
  - 5 - 7
  - 7 - 11
  - 11 - 15
  - > 15



<b>Grid Cell M-23 Z-Score</b>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY		
CO		
Contract No: W92BU-13-C-0010		June 2014

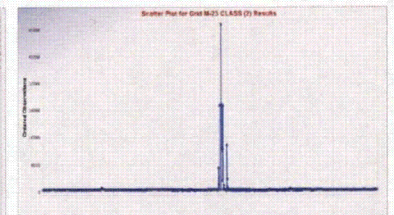
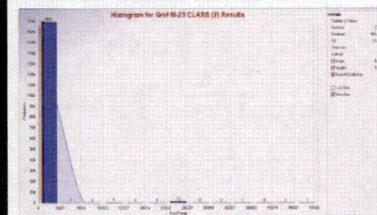
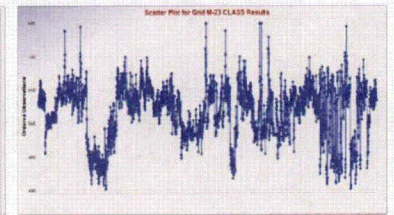
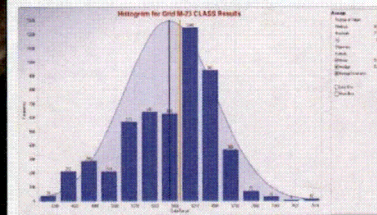
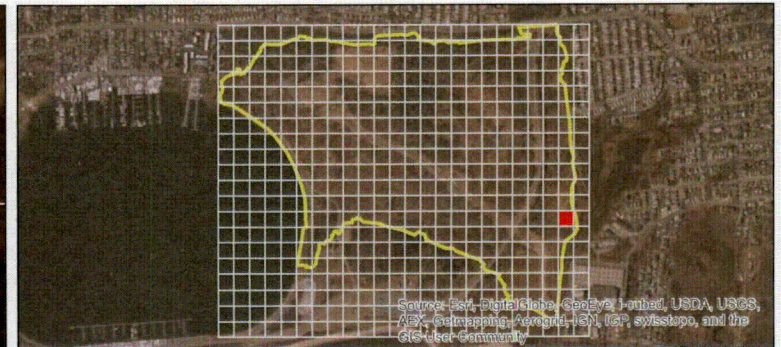






#### Legend

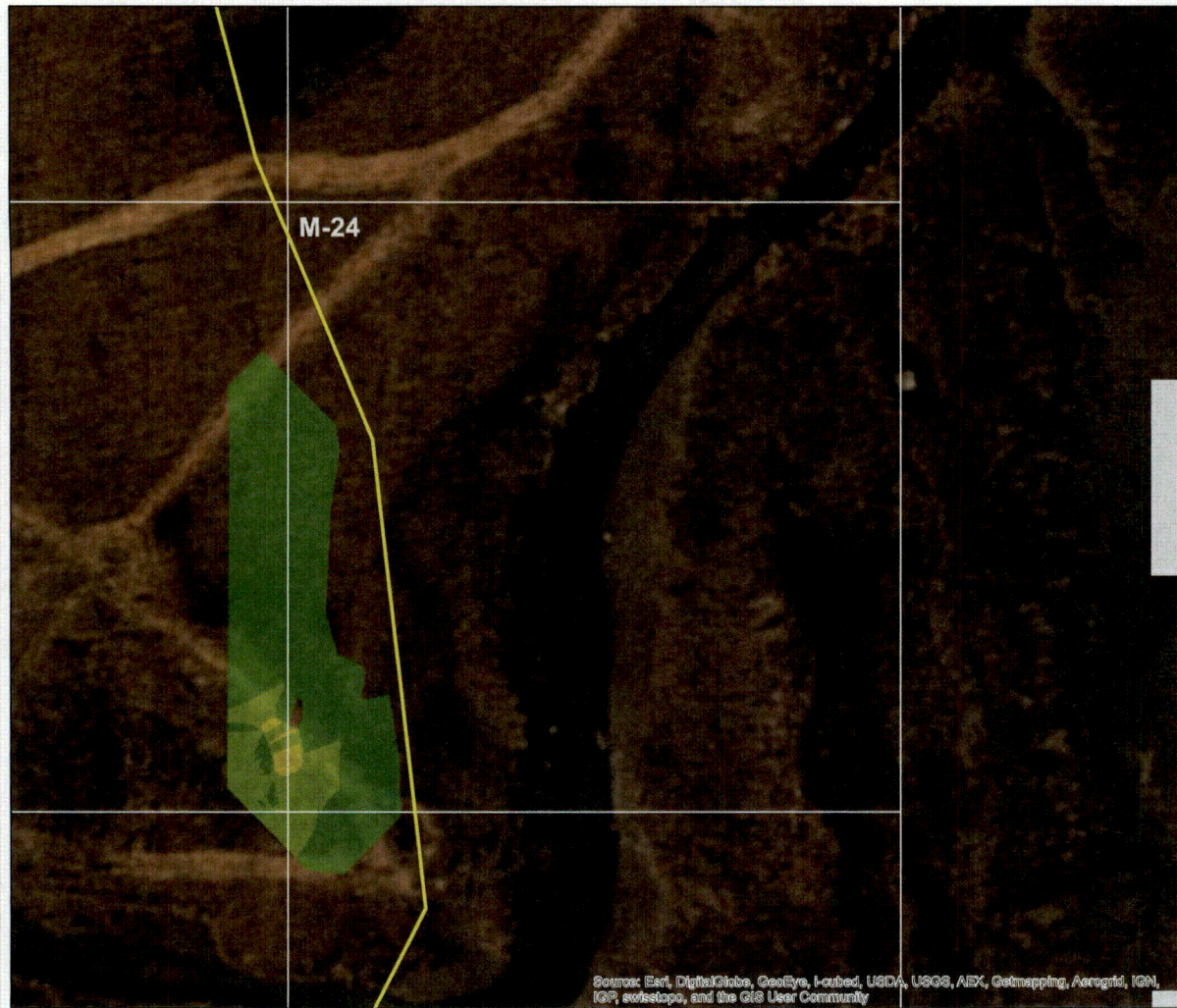
- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
  - 2 - 3
  - 3 - 5
  - 5 - 7
  - 7 - 11
  - 11 - 15
  - > 15



 <b>TIDEWATER INC</b> <small>WATER • WASTE • WIRING</small>		 U.S. Army Corps of Engineers Philadelphia District
Grid Cell M-23 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG		
Contract No: W92BU-13-C-0010		
		June 2014



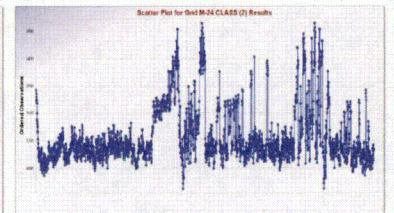
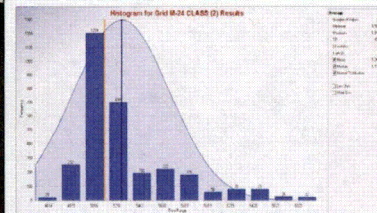
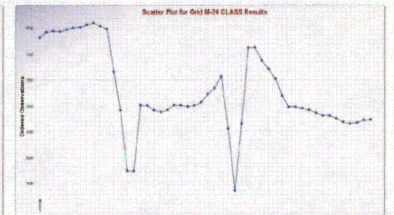
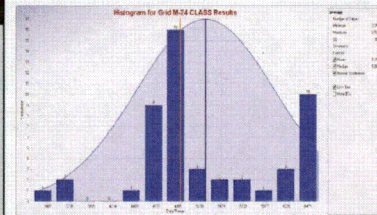
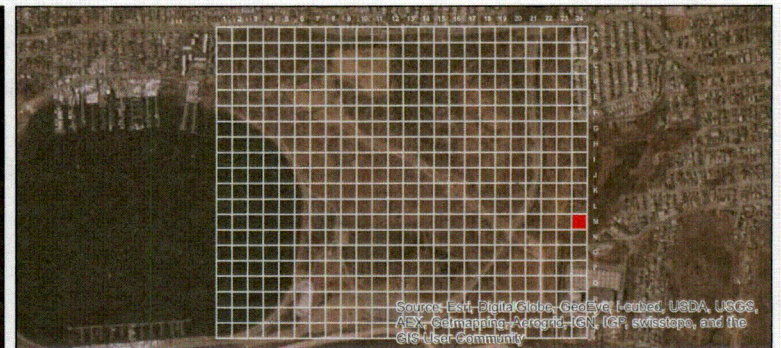


0 50 100 150 Feet

#### Legend

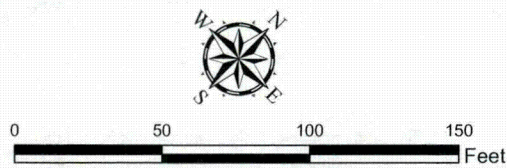
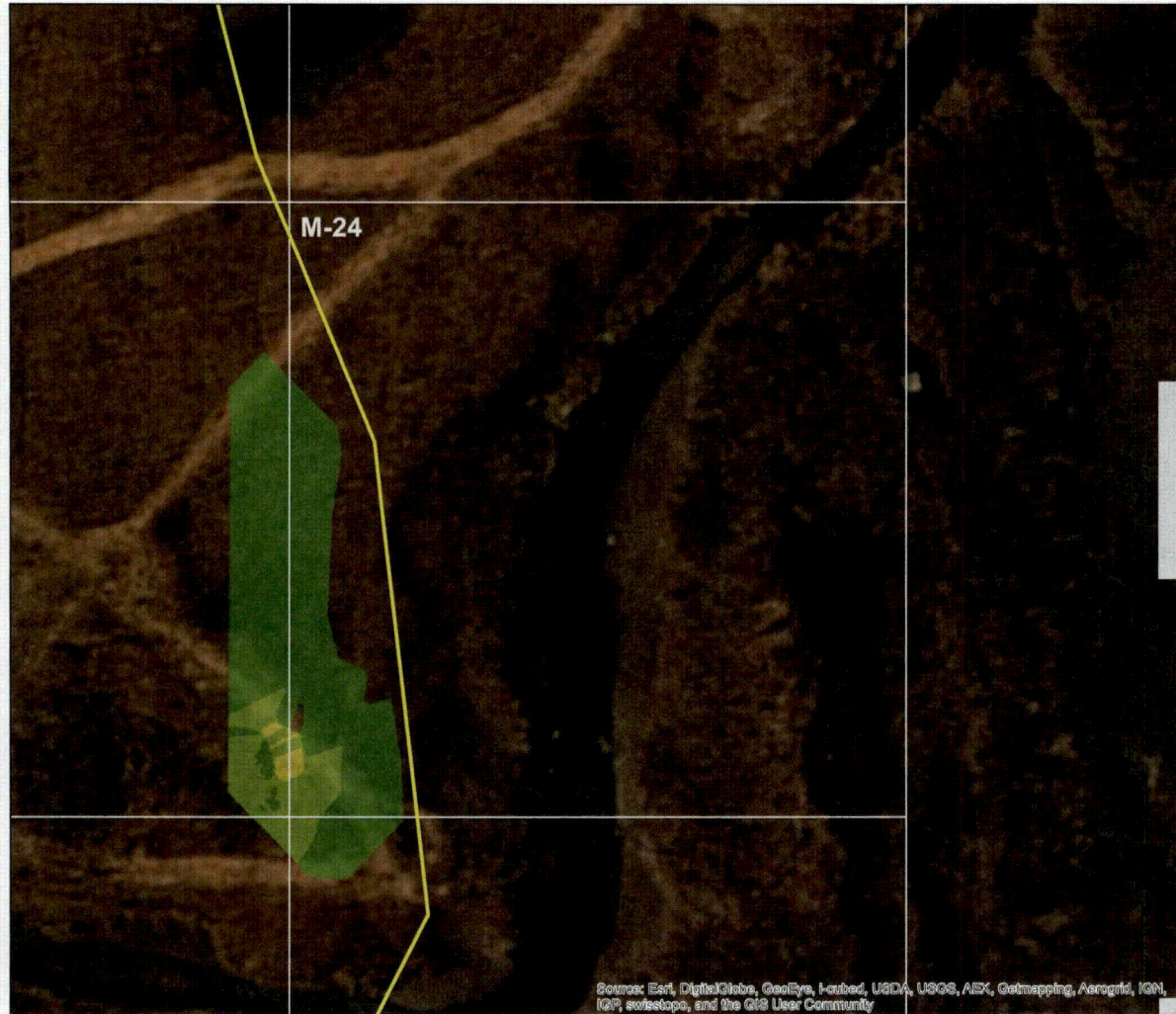
- Grid Cell
- TCRA Investigation Boundary

- Kriging**
- < 2
  - 2 - 3
  - 3 - 4
  - 4 - 5
  - > 5



			U.S. Army Corps of Engineers Philadelphia District
Grid Cell M-24 Kriging			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure # June 2014
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010			





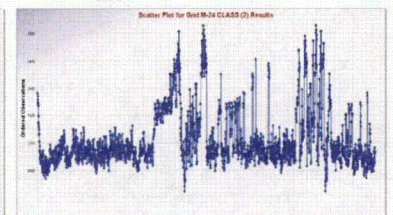
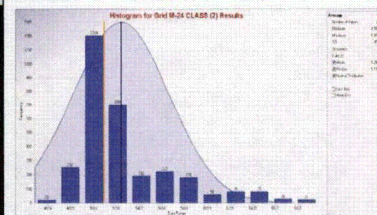
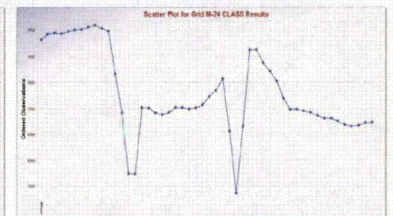
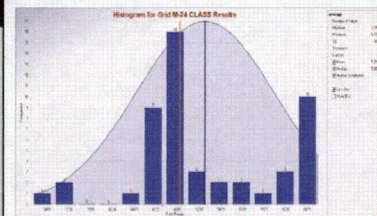
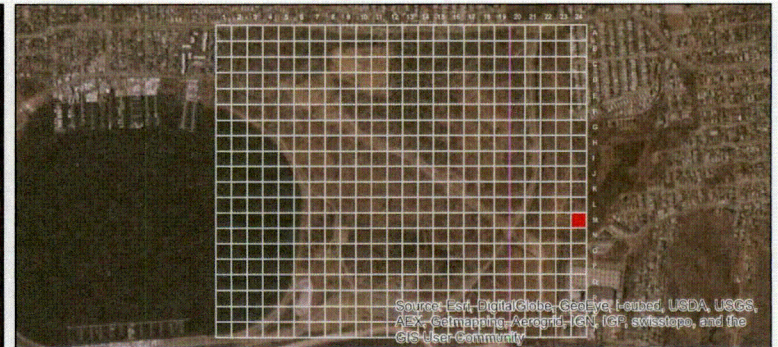
**Legend**

Grid Cell

TCRA Investigation Boundary

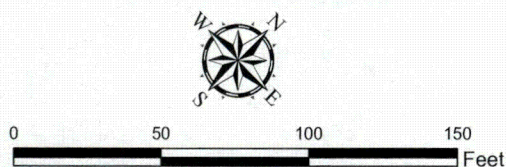
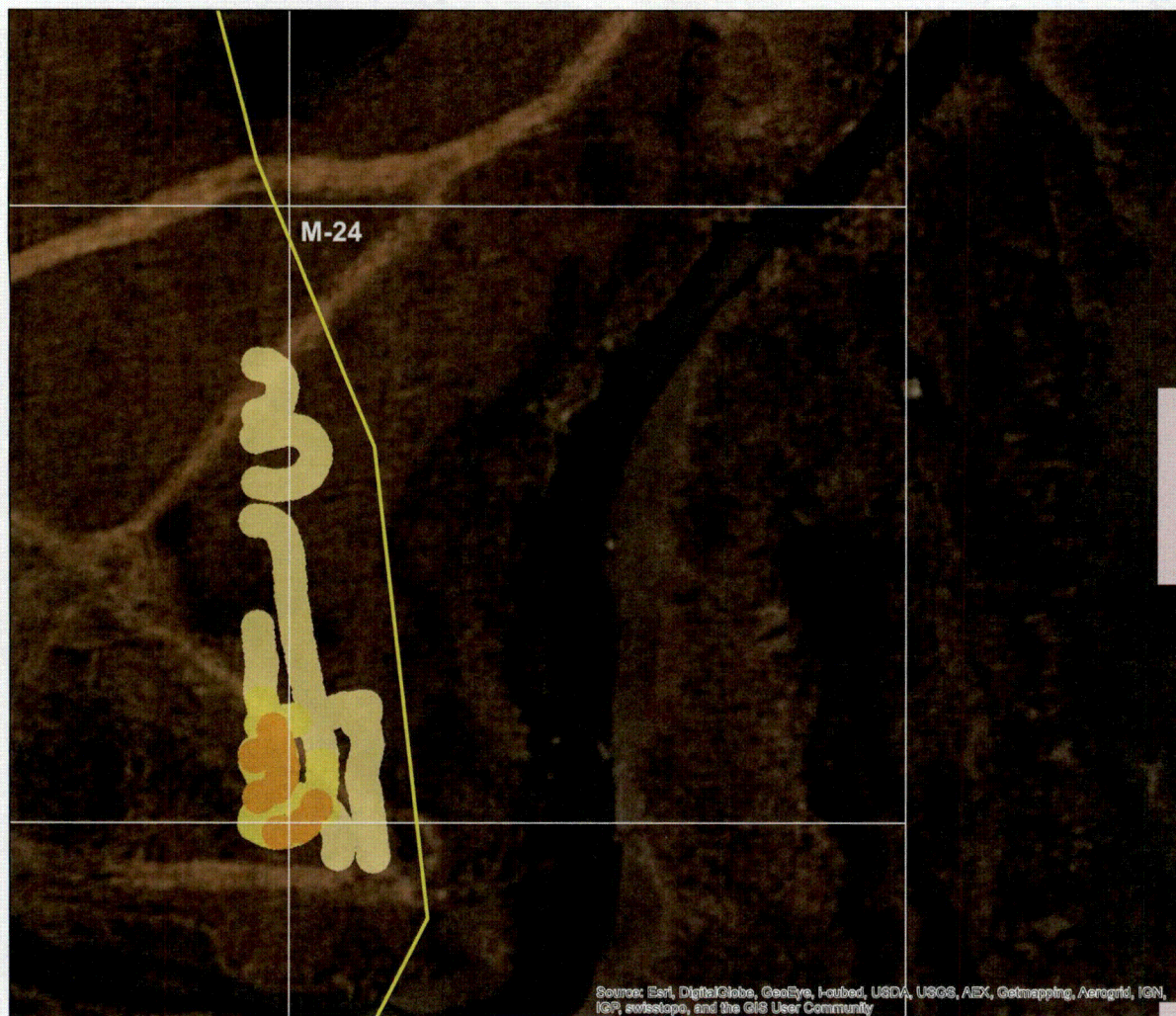
**Kriging**

< 2	3 - 4
2 - 3	4 - 5
> 5	



<b>Grid Cell M-24 Kriging</b>		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014





**Legend**

Grid Cell

TCRA Investigation Boundary

**Z-Score**

< 2

2 - 3

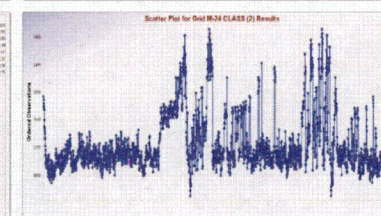
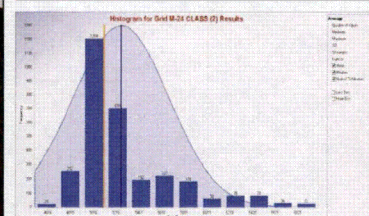
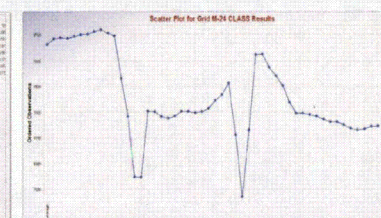
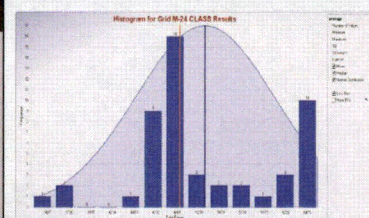
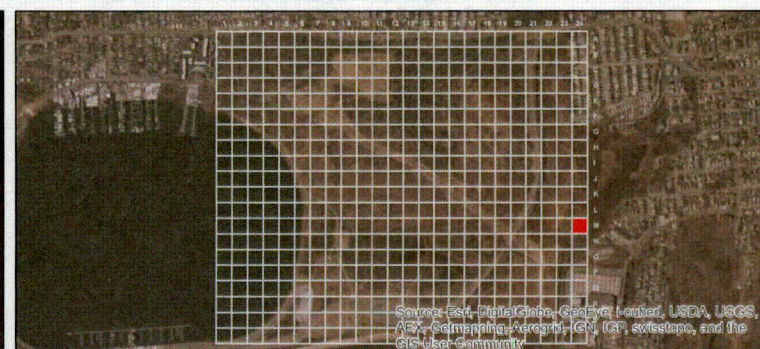
3 - 5

5 - 7

7 - 11

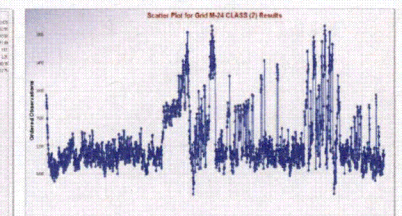
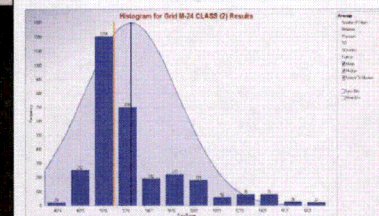
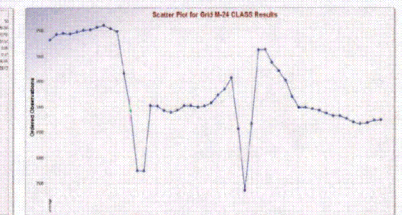
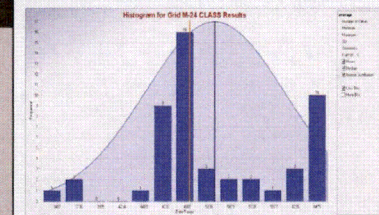
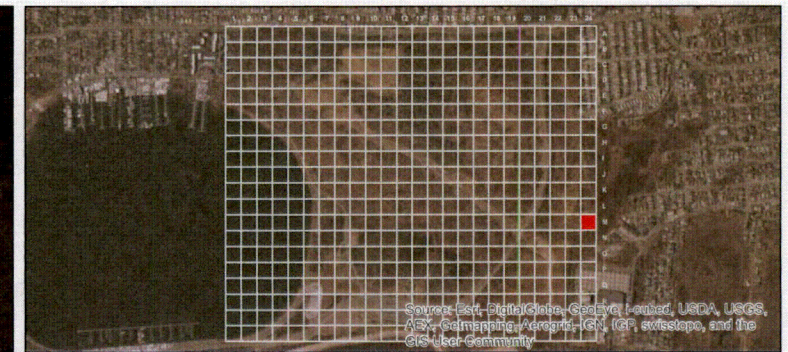
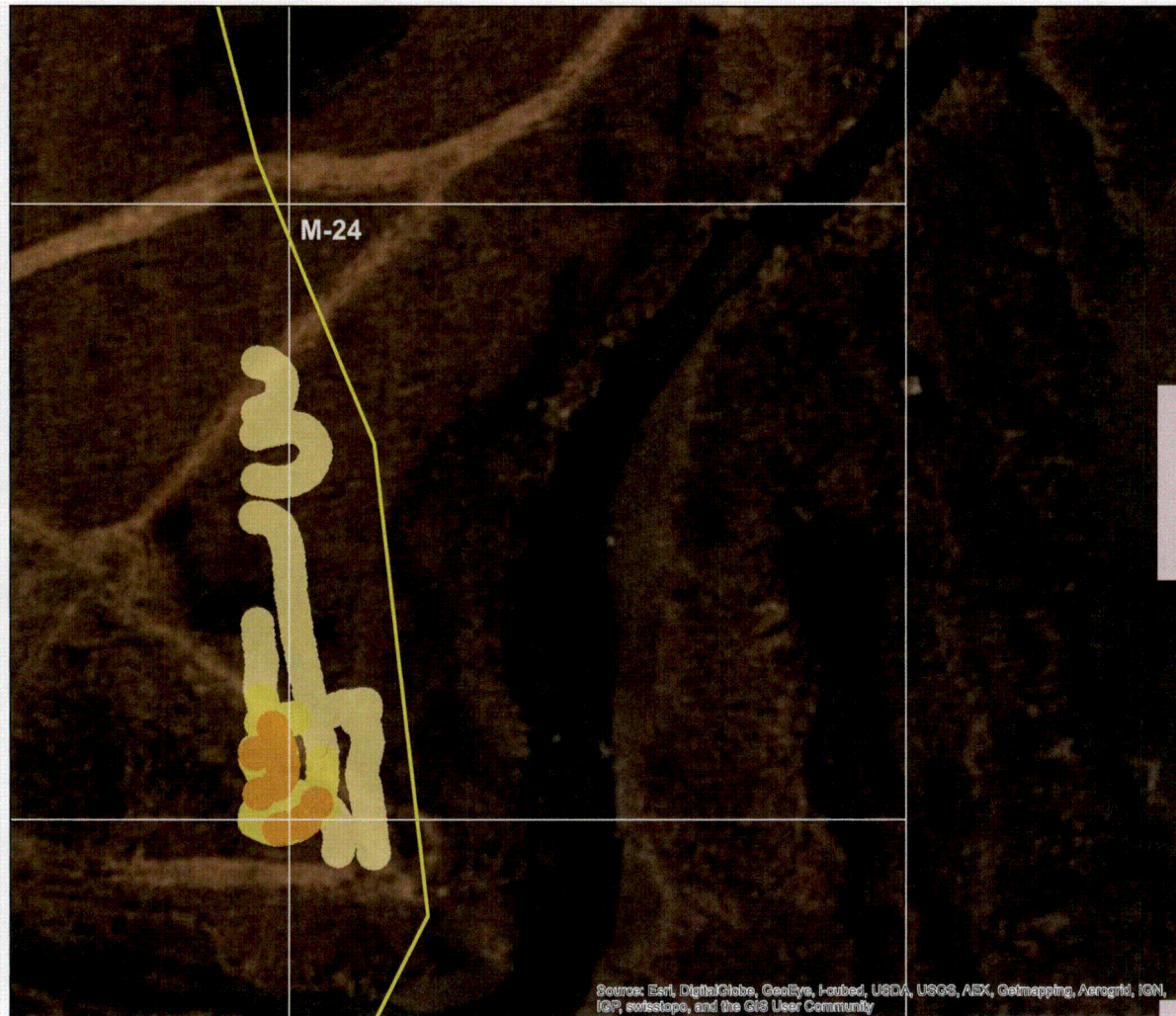
11 - 15

> 15



	<b>TIDEWATER INC</b> ENGINEERING / CONSULTING / PROGRAM MANAGEMENT		U.S. Army Corps of Engineers Philadelphia District
<b>Grid Cell M-24 Z-Score</b>			
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #	JHG
DRAWN BY			JHG
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014	CG







# Legend

- Grid Cell
- TCRA Investigation Boundary

- Z-Score
- < 2
  - 2 - 3
  - 3 - 5
  - 5 - 7
  - 7 - 11
  - 11 - 15
  - > 15



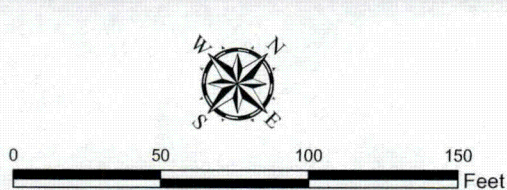
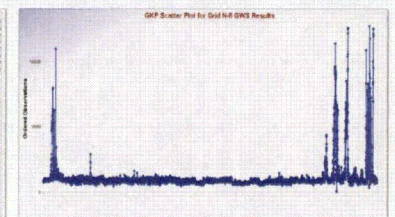
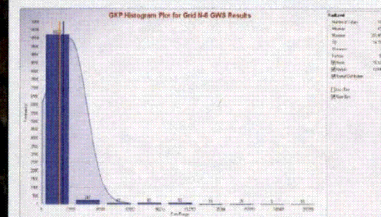
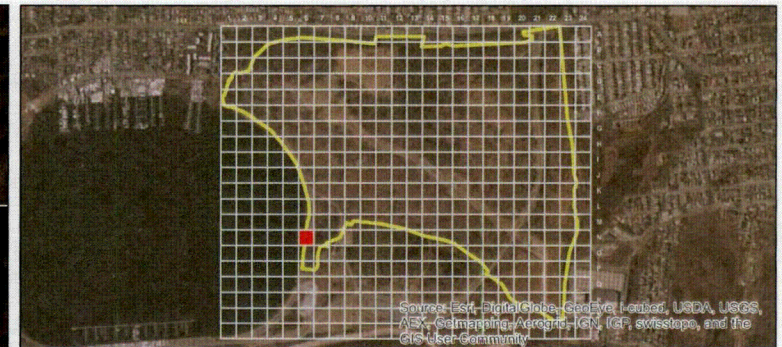
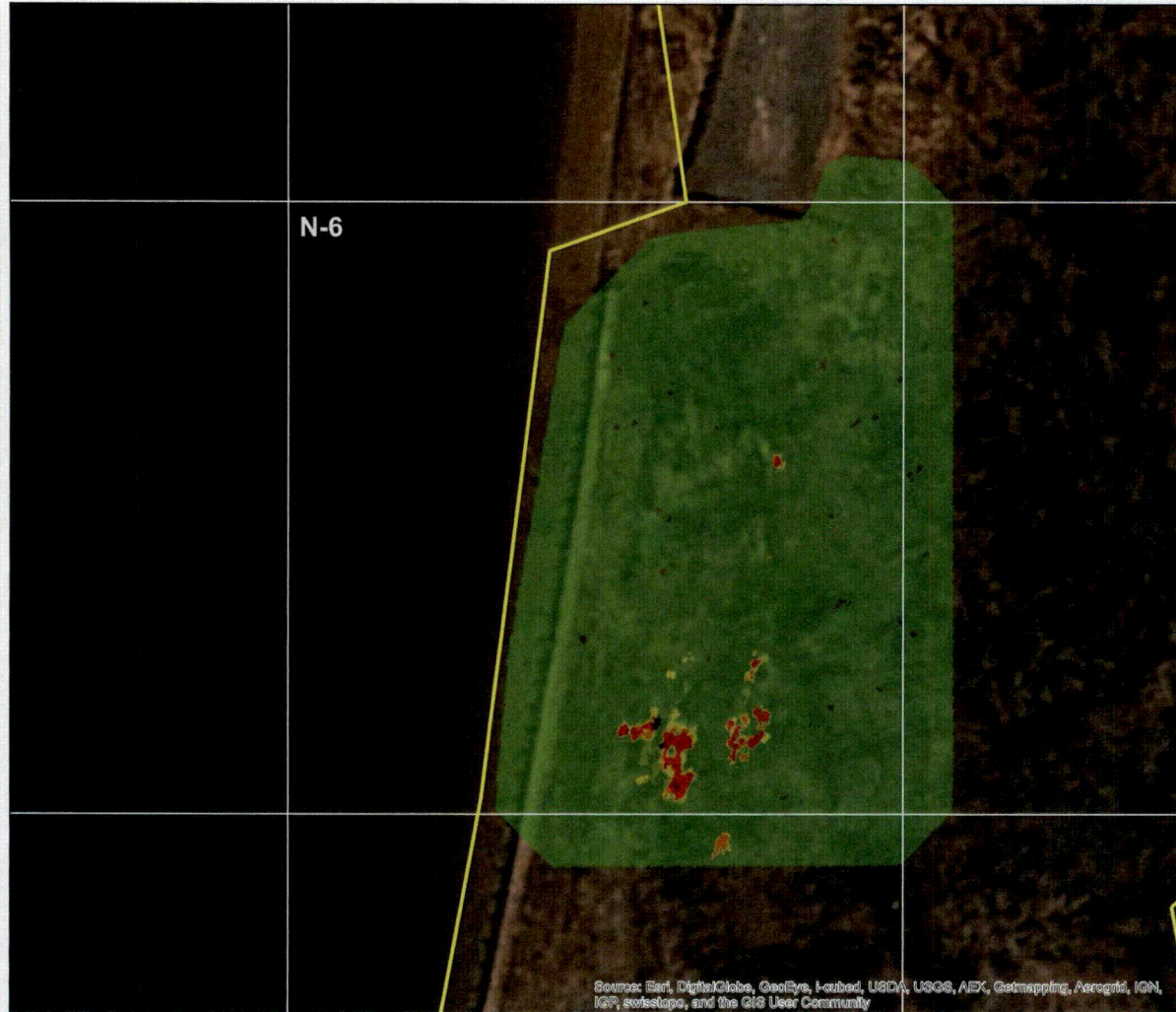
0 50 100 150 Feet

			U.S. Army Corps of Engineers Philadelphia District
Grid Cell M-24 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY		Figure #
JHG			
DRAWN BY			
JHG			
CHECKED BY			
CG	Contract No: W92BU-13-C-0010		June 2014









**Legend**

Grid Cell

TCRA Investigation Boundary

**Kriging**

< 2

2 - 3

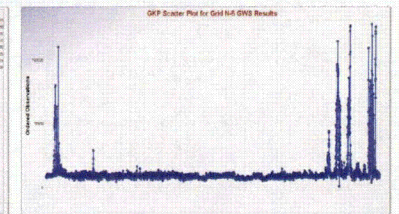
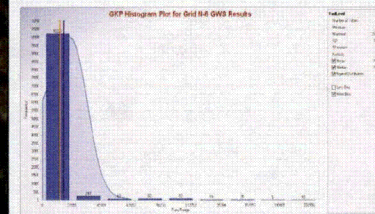
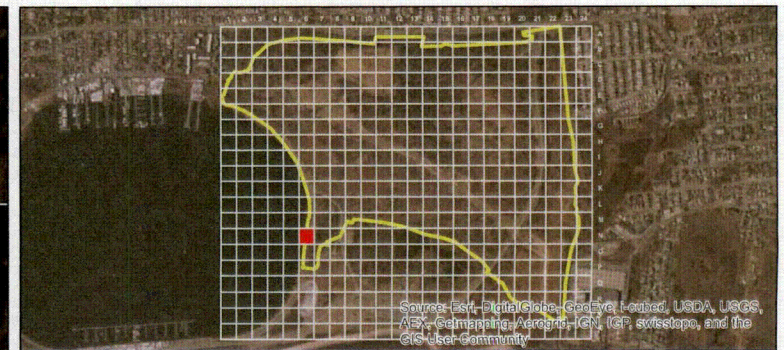
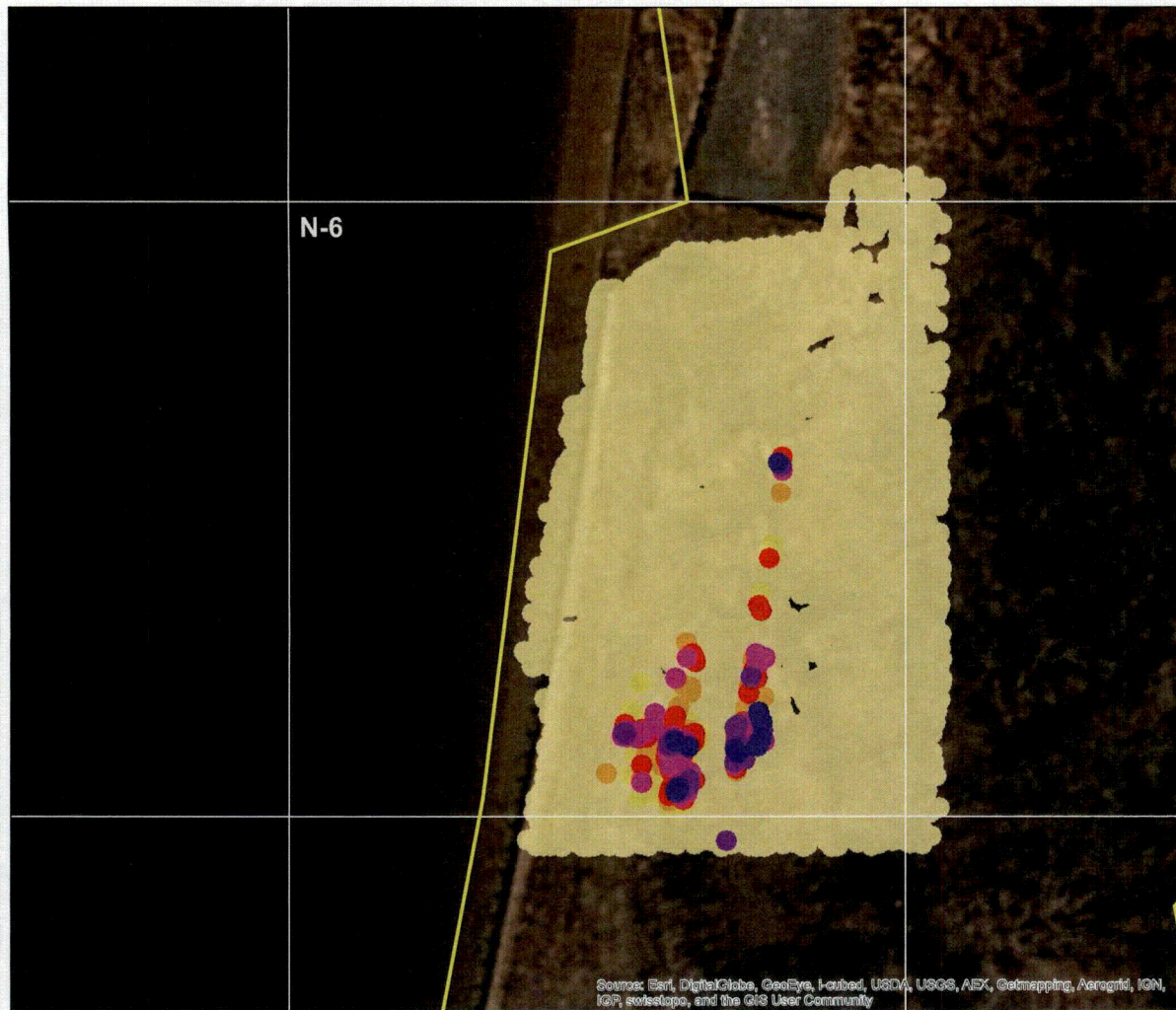
3 - 4

4 - 5

> 5

	<b>TIDEWATER INC.</b> ENGINEERS • SCIENTISTS • PROGRAM MANAGERS		U.S. Army Corps of Engineers Philadelphia District
<b>Grid Cell N-6 Kriging</b>			
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #	JHG
DRAWN BY			JHG
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014	CG





#### Legend

- Grid Cell
- TCRA Investigation Boundary

#### Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



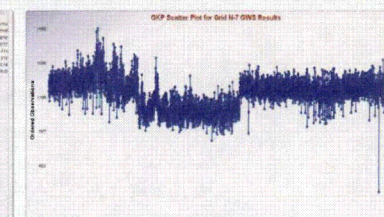
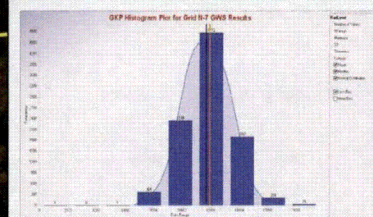
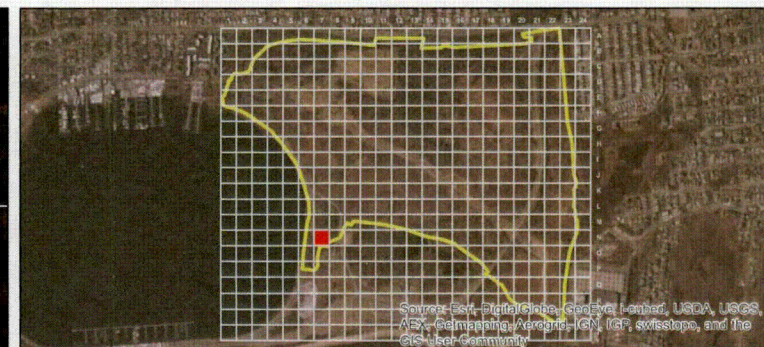
0 50 100 150 Feet

Grid Cell N-6 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014









0 50 100 150 Feet

#### Legend

- Grid Cell
- TCRA Investigation Boundary

#### Kriging

- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

<b>Grid Cell N-7 Kriging</b>		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014





#### Legend

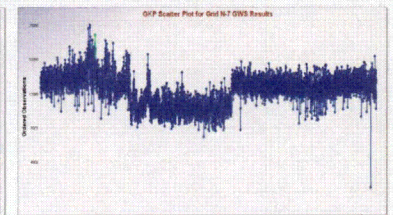
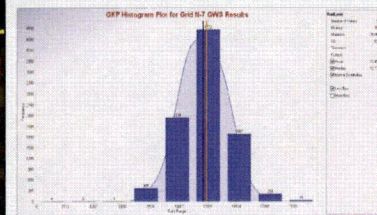
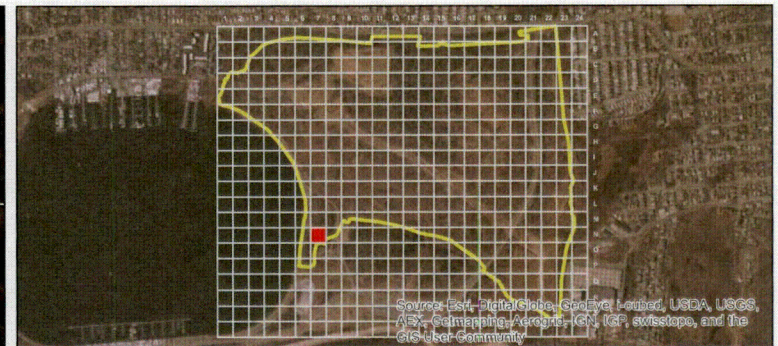
- Grid Cell
- TCRA Investigation Boundary



#### Kriging

- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

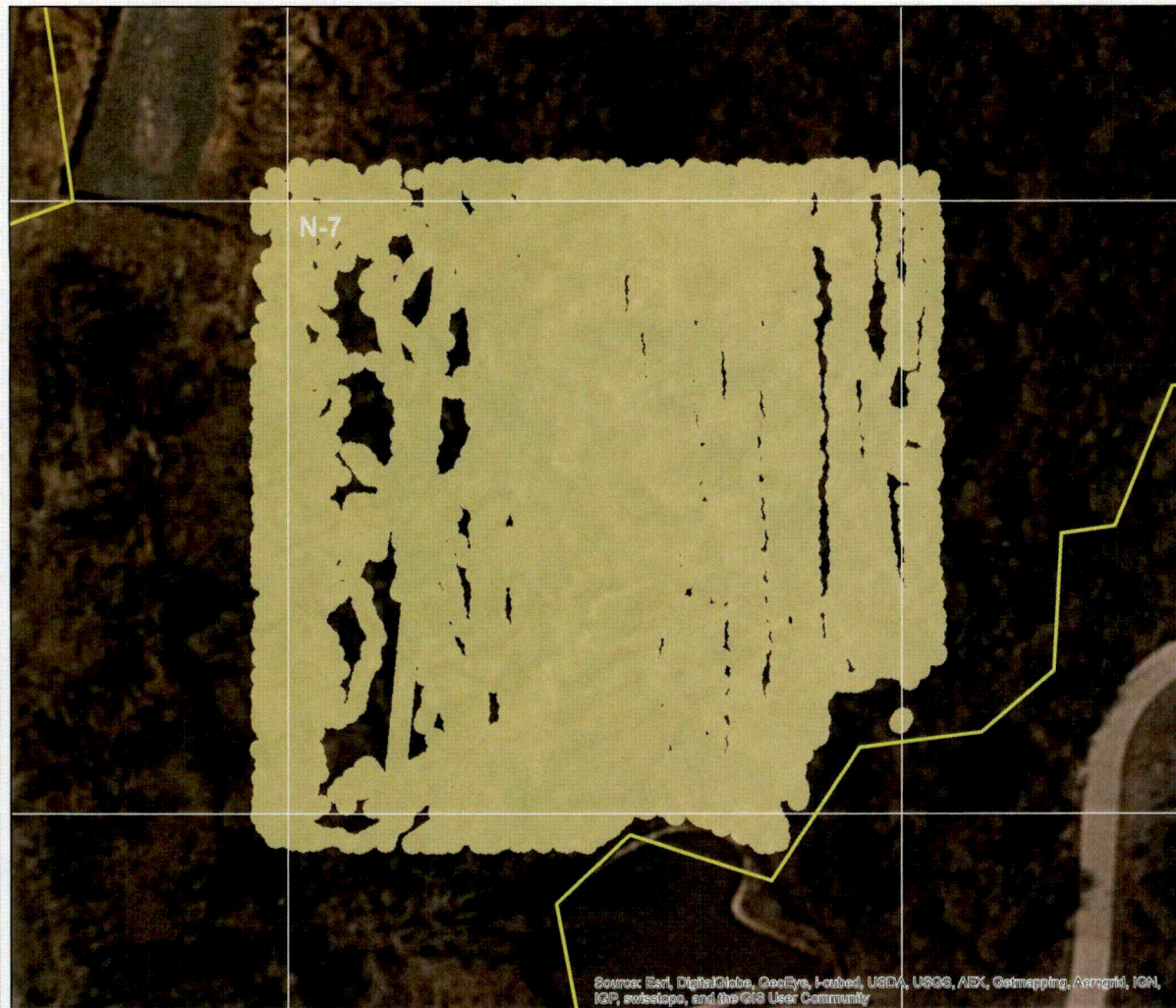


0 50 100 150 Feet



	<b>TIDEWATER INC</b> ENGINEERS / SCIENTISTS / PROGRAM MANAGER		U.S Army Corps of Engineers Philadelphia District
Grid Cell N-7 Kriging			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #	
DRAWN BY JHG			
CHECKED BY CG		Contract No: W92BU-13-C-0010	
		June 2014	





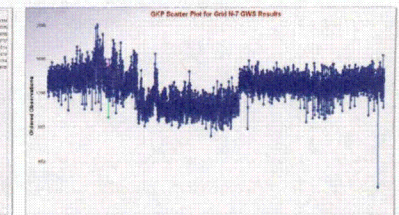
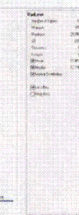
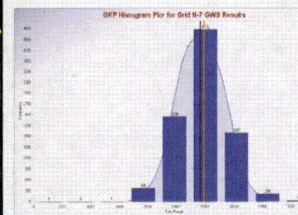
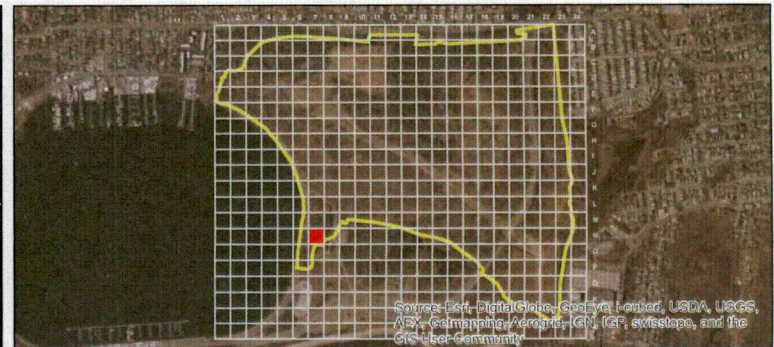
#### Legend



- Grid Cell
- TCRA Investigation Boundary

- | Z-Score |         |
|---------|---------|
|         | < 2     |
|         | 2 - 3   |
|         | 3 - 5   |
|         | 5 - 7   |
|         | 7 - 11  |
|         | 11 - 15 |
|         | > 15    |

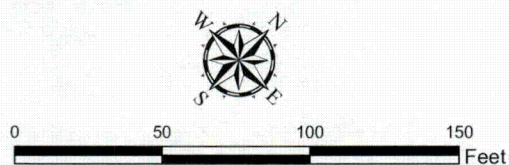
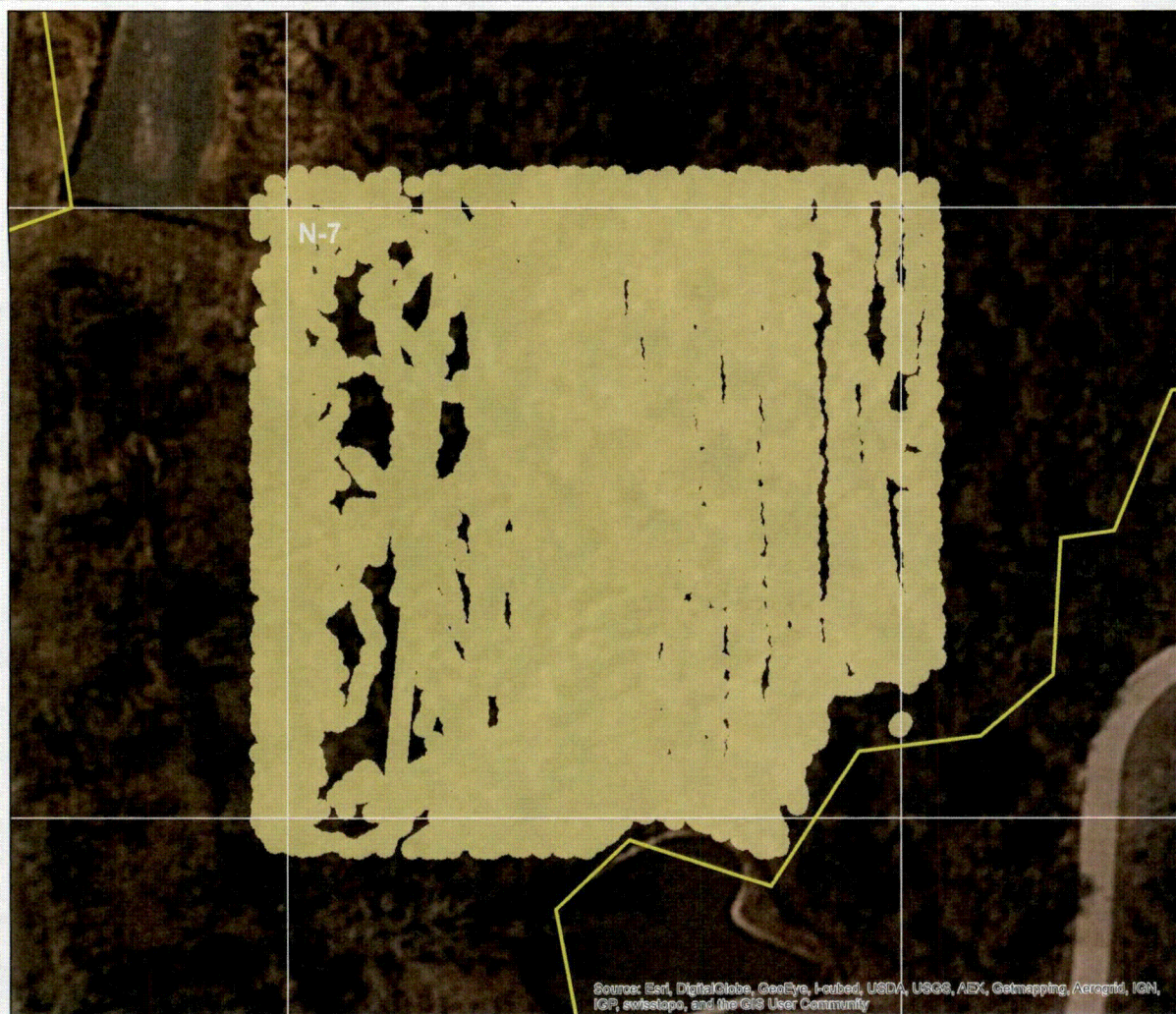


0 50 100 150 Feet



	<b>TIDEWATER INC</b> <i>PROTECT. SUPPORT. PROGRESS.</i>		U.S. Army Corps of Engineers Philadelphia District
Grid Cell N-7 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure # June 2014
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010			



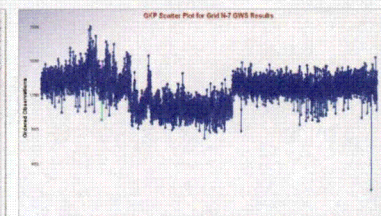
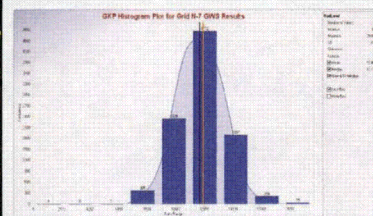
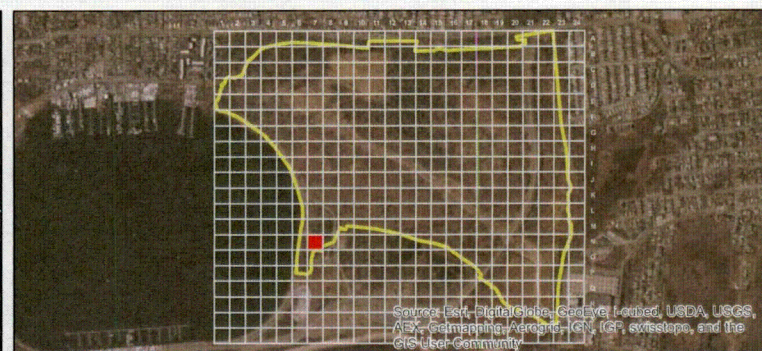




#### Legend

- Grid Cell
- TCRA Investigation Boundary

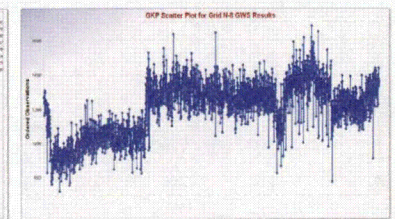
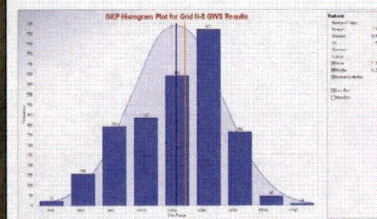
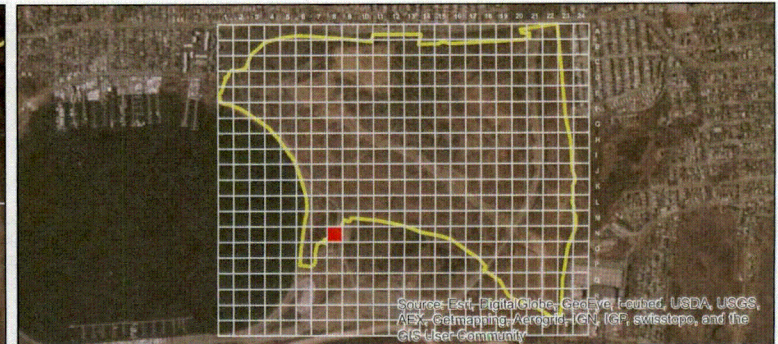
#### Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



	<b>TIDEWATER INC</b> <small>FROM THE OCEANS TO THE HARBOR WATERS</small>		U.S Army Corps of Engineers Philadelphia District
Grid Cell N-7 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #	
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010		June 2014	

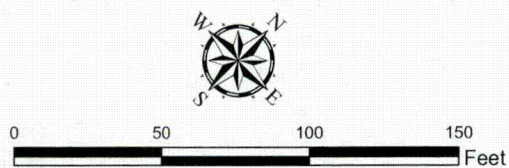




#### Legend

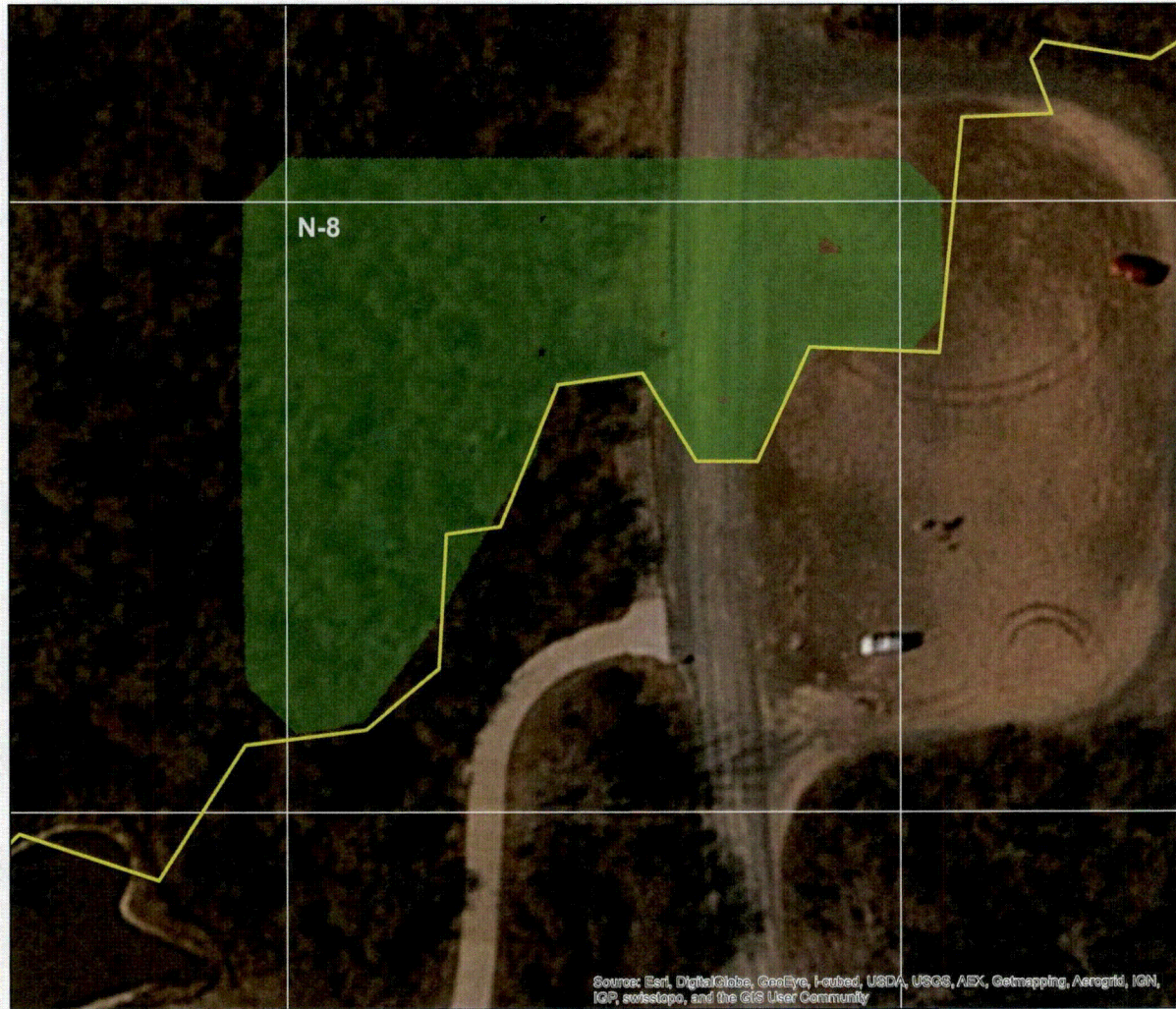
- Grid Cell
- TCRA Investigation Boundary

- Kriging
- < 2
  - 2 - 3
  - 3 - 4
  - 4 - 5
  - > 5



Grid Cell N-8 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014



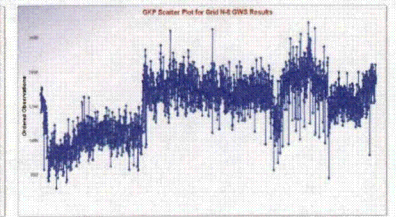
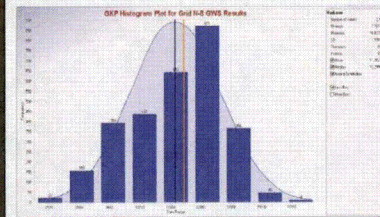
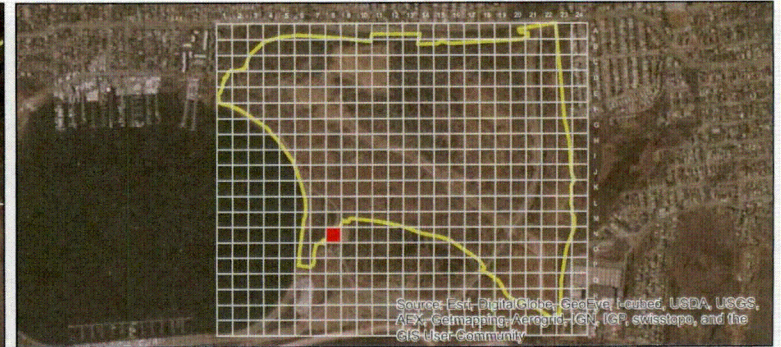


#### Legend

Grid Cell

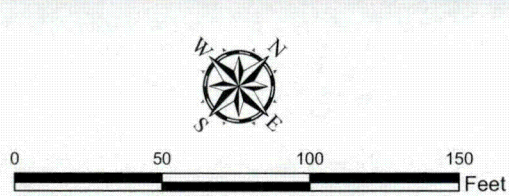
TCRA Investigation Boundary

#### Kriging



Grid Cell N-8 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG	Contract No: W92BU-13-C-0010	June 2014
CHECKED BY CG		



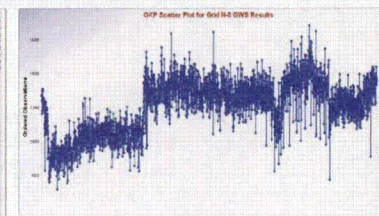
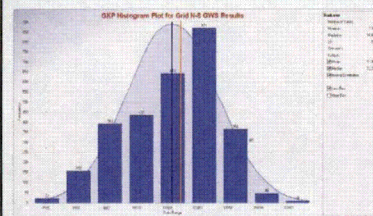
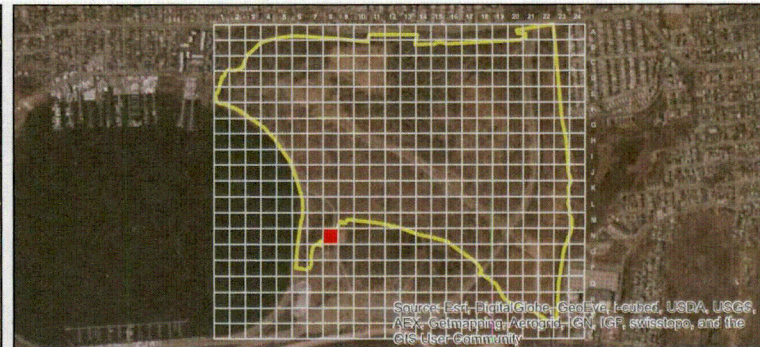




#### Legend

Grid Cell  
TCRA Investigation Boundary

Z-Score

< 2	5 - 7
2 - 3	7 - 11
3 - 5	11 - 15
	> 15



	<b>TIDEWATER INC</b> <small>ENGINEERS • ARCHITECTS • PROGRAM MANAGERS</small>		U.S Army Corps of Engineers Philadelphia District
<h1>Grid Cell N-8 Z-Score</h1>			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010		June 2014	



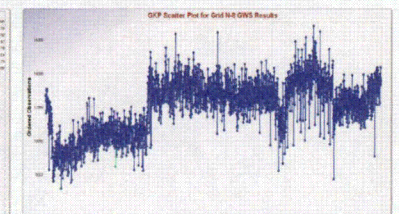
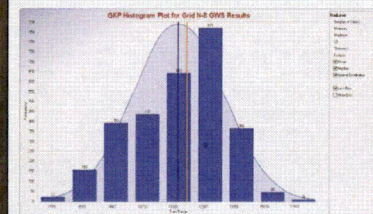
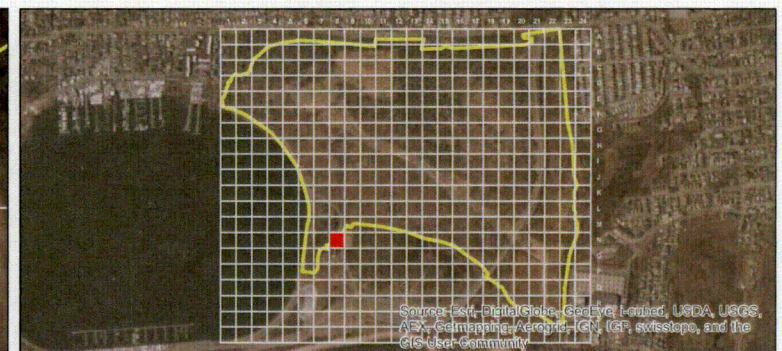


#### Legend

- Grid Cell
- TCRA Investigation Boundary

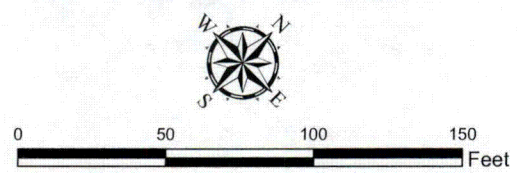
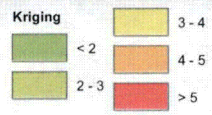
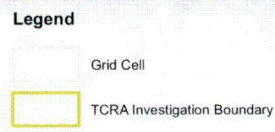
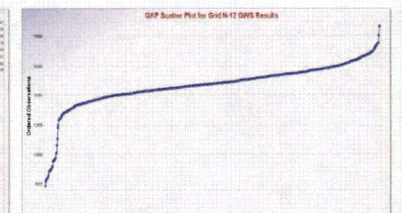
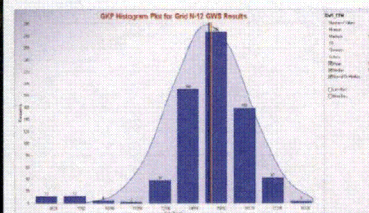
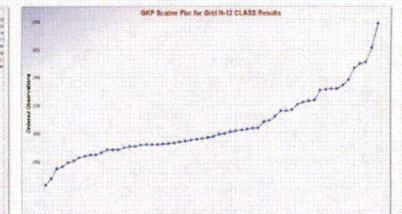
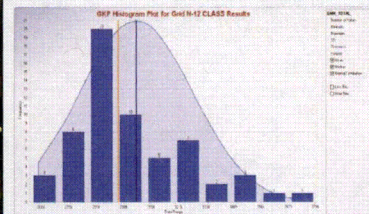
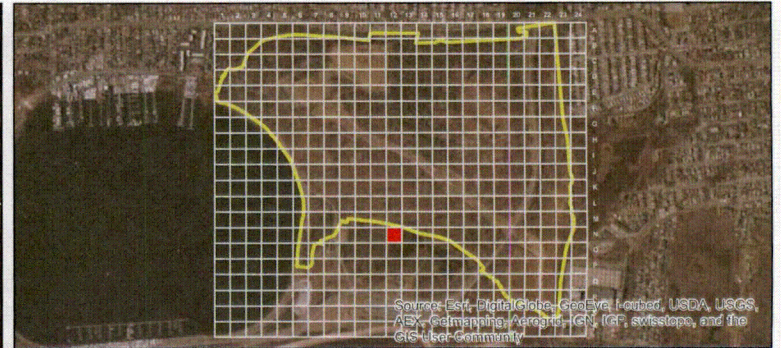
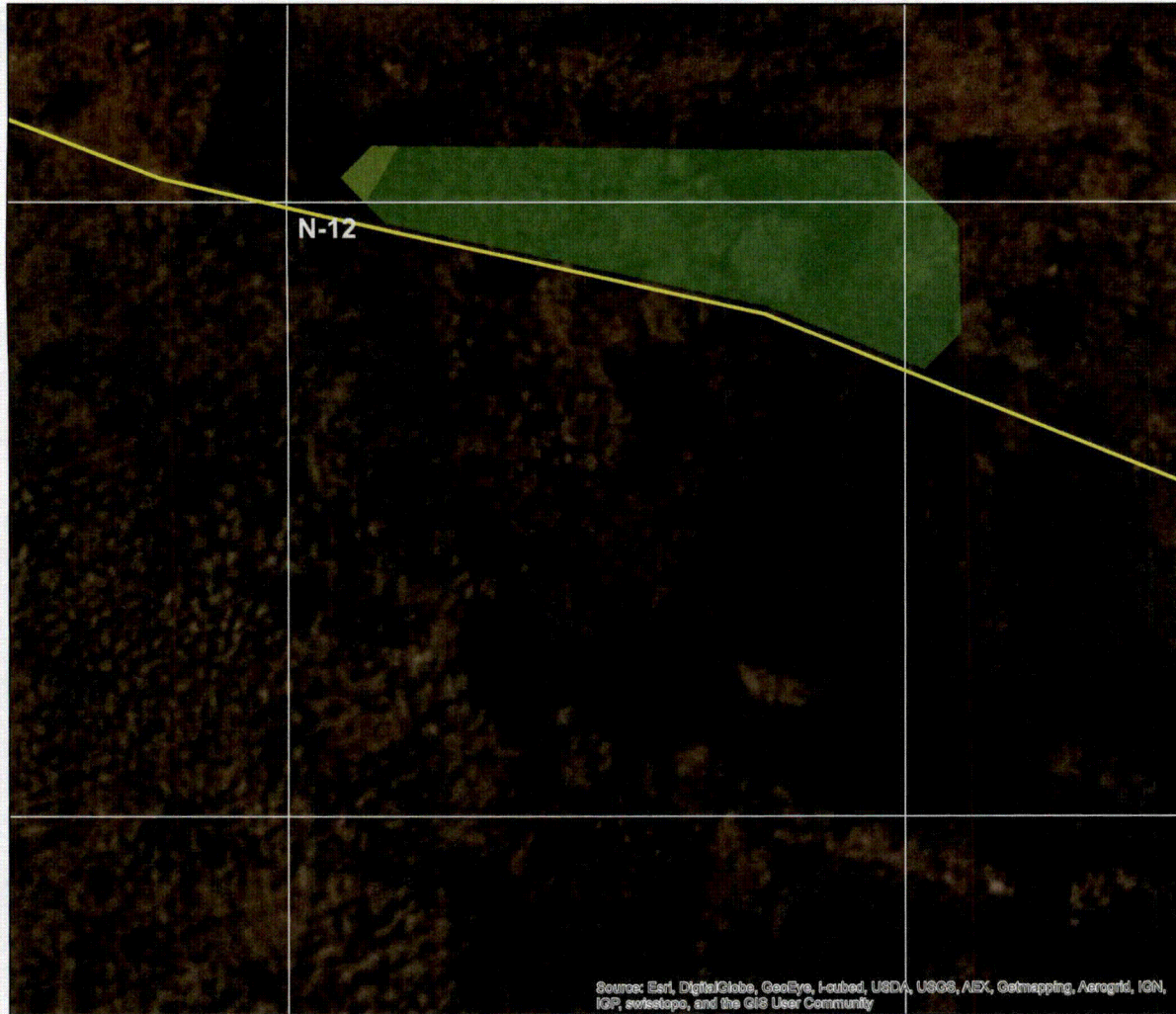
#### Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



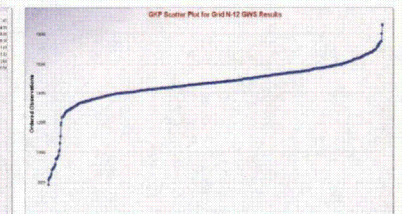
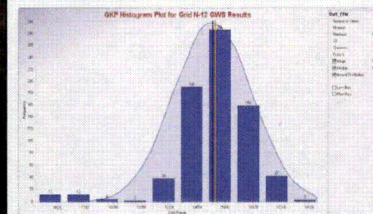
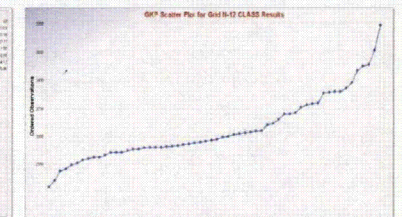
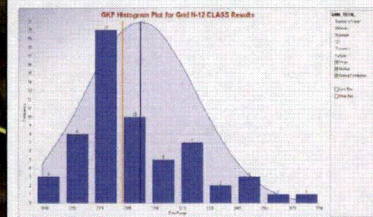
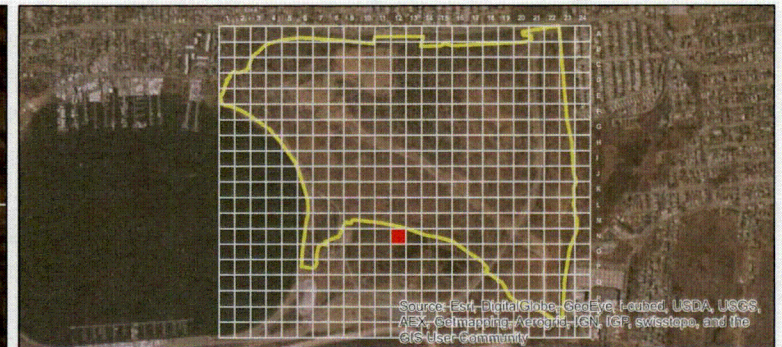
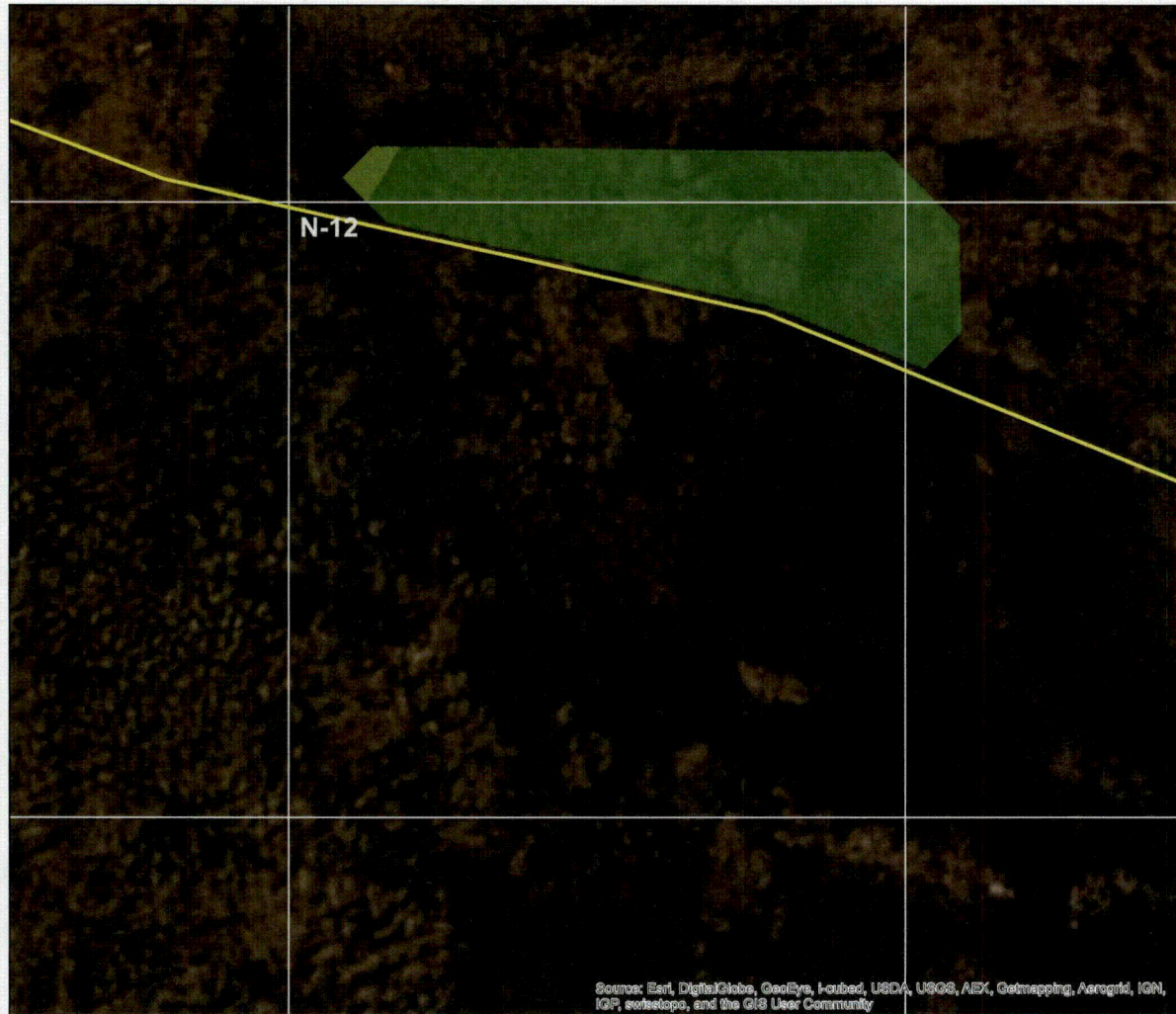
	<b>TIDEWATER INC</b> <small>ENGINEERS • EARTHSCIENTISTS • PROGRAM MANAGERS</small>		U.S. Army Corps of Engineers Philadelphia District
<b>Grid Cell N-8 Z-Score</b>			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG	Contract No: W92BU-13-C-0010		June 2014





Grid Cell N-12 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CIG	Contract No: W92BU-13-C-0010	June 2014





**Legend**

Grid Cell

TCRA Investigation Boundary

**Kriging**

< 2

2 - 3

3 - 4

4 - 5

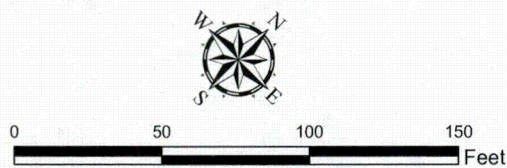
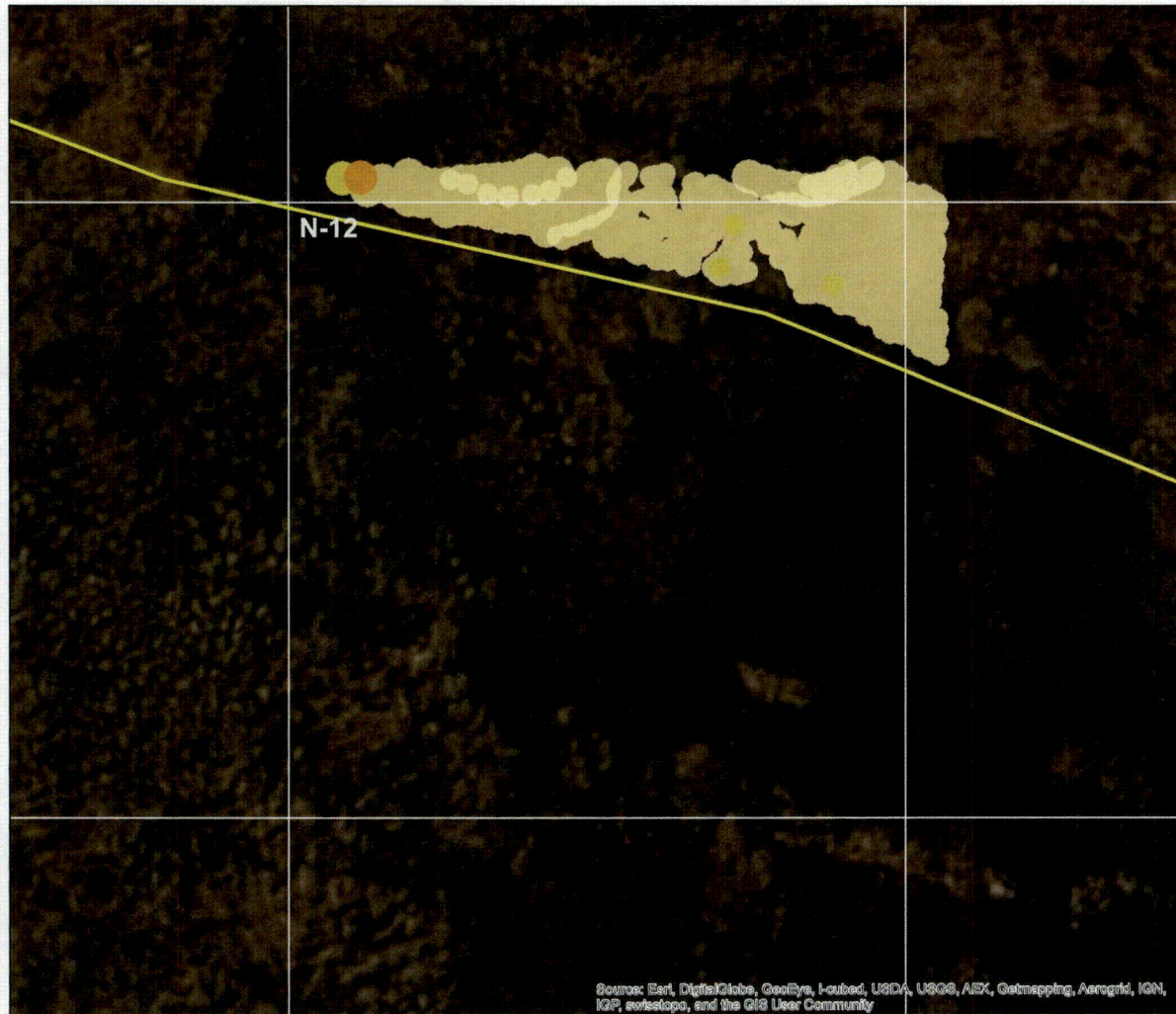
> 5



0 50 100 150 Feet

<p><b>Grid Cell N-12 Kriging</b></p>		
DESIGNED BY JHG DRAWN BY JHG CHECKED BY CG	Great Kills Park, Staten Island, NY Contract No: W92BU-13-C-0010	Figure # June 2014



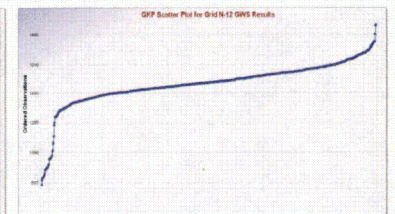
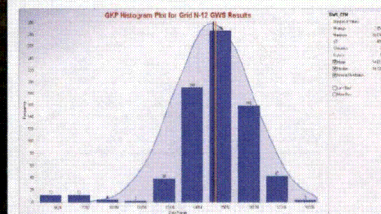
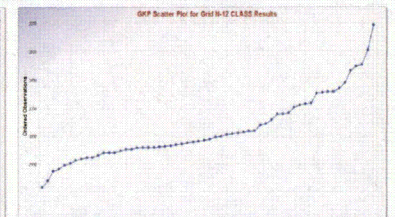
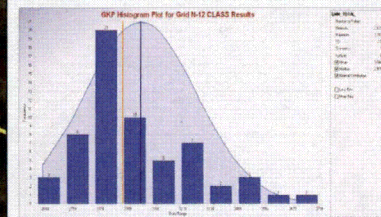
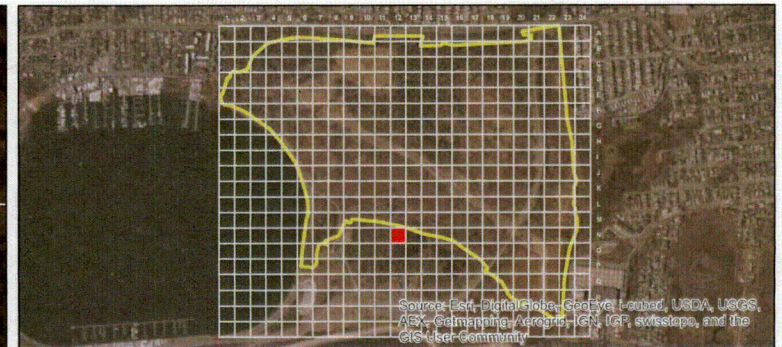




#### Legend

- Grid Cell
- TCRA Investigation Boundary

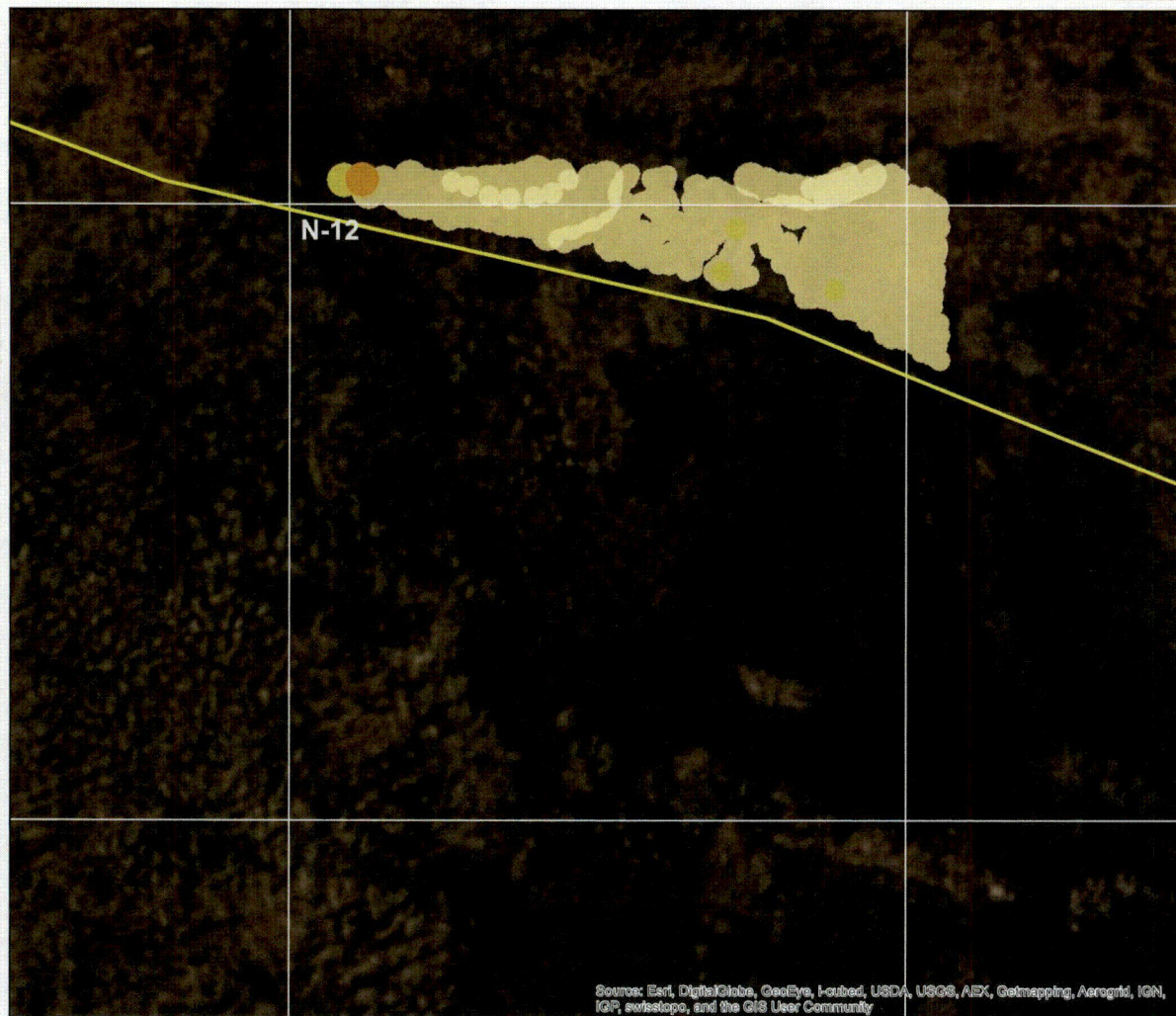
#### Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



 <b>TIDEWATER INC</b> <small>IMPAVITY • INTEGRITY • PROBLEM RESOLVER</small>		 U.S Army Corps of Engineers Philadelphia District
Grid Cell N-12 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
JHG		
DRAWN BY		
JHG		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014
CG		



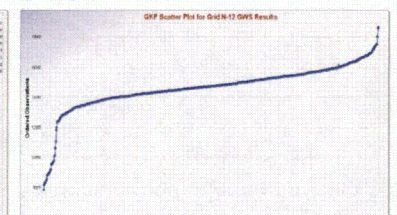
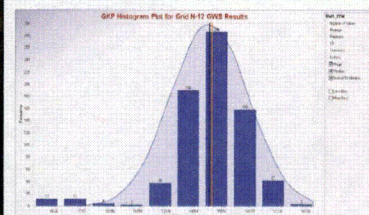
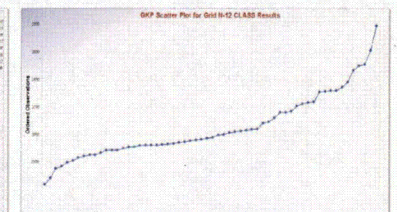
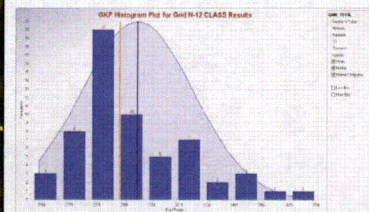
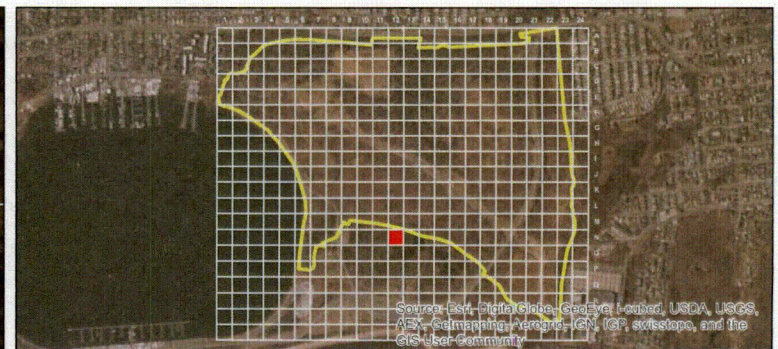
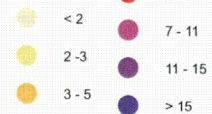




#### Legend

Grid Cell

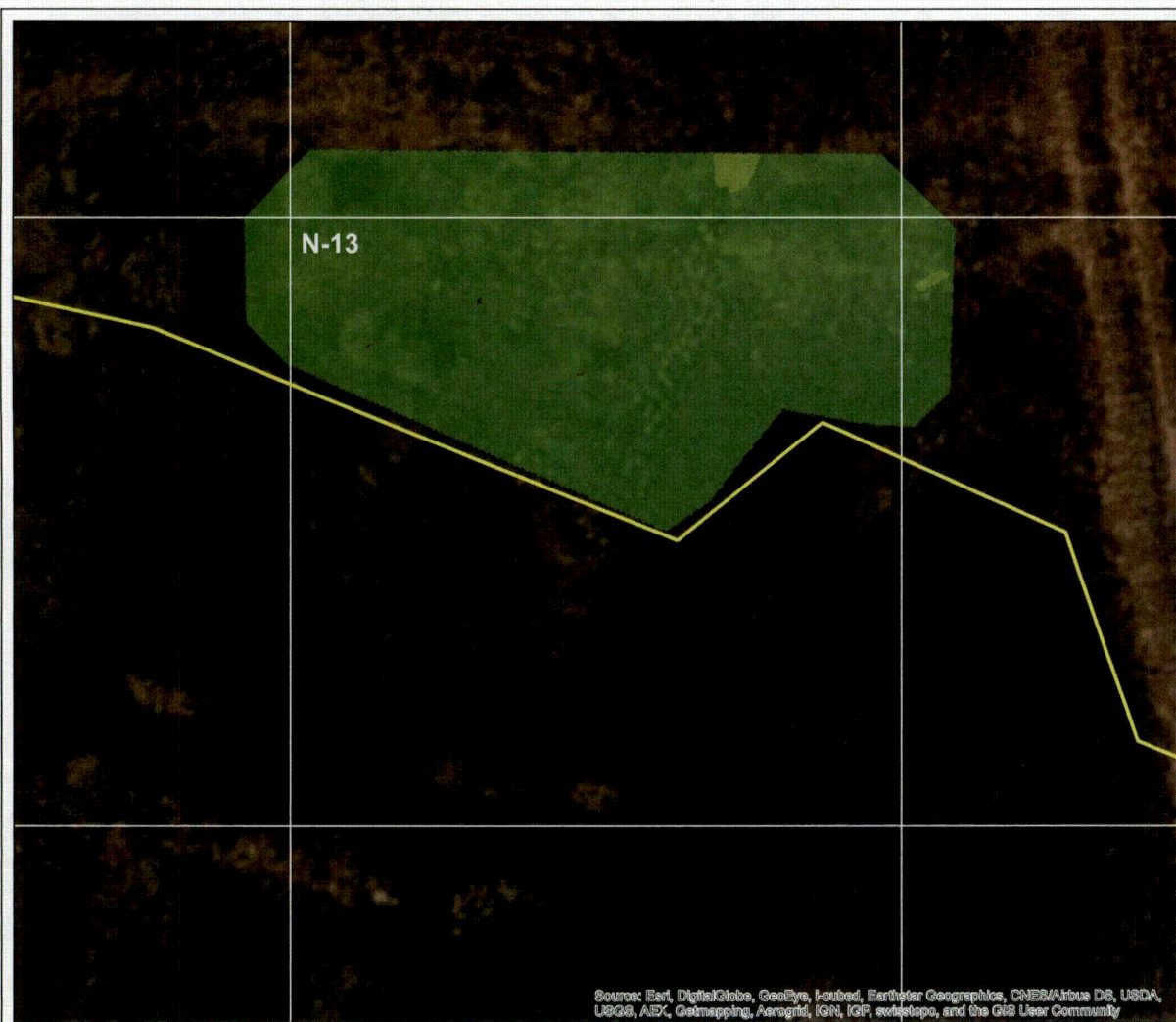
TCRA Investigation Boundary

#### Z-Score



	<b>TIDEWATER INC</b> <small>WATERWIRE • SURVEYING • PROGRAM MANAGEMENT</small>		U.S Army Corps of Engineers Philadelphia District
Grid Cell N-12 Z-Score			
DESIGNED BY JHG		Figure #	
DRAWN BY JHG		Great Kills Park, Staten Island, NY	
CHECKED BY CG		Contract No: W92BU-13-C-0010	
		June 2014	










Source: Esri, DigitalGlobe, GeoEye, Ikonos, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community

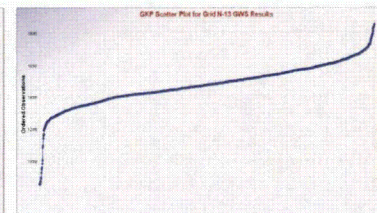
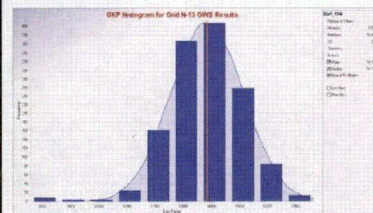
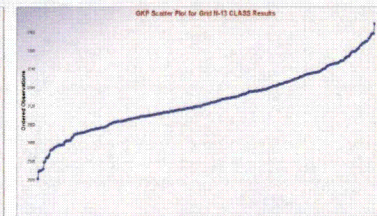
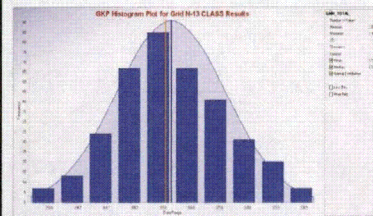
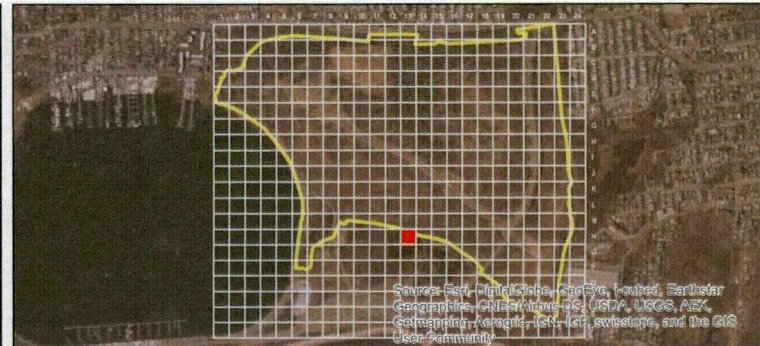




0 50 100 150 Feet

#### Legend

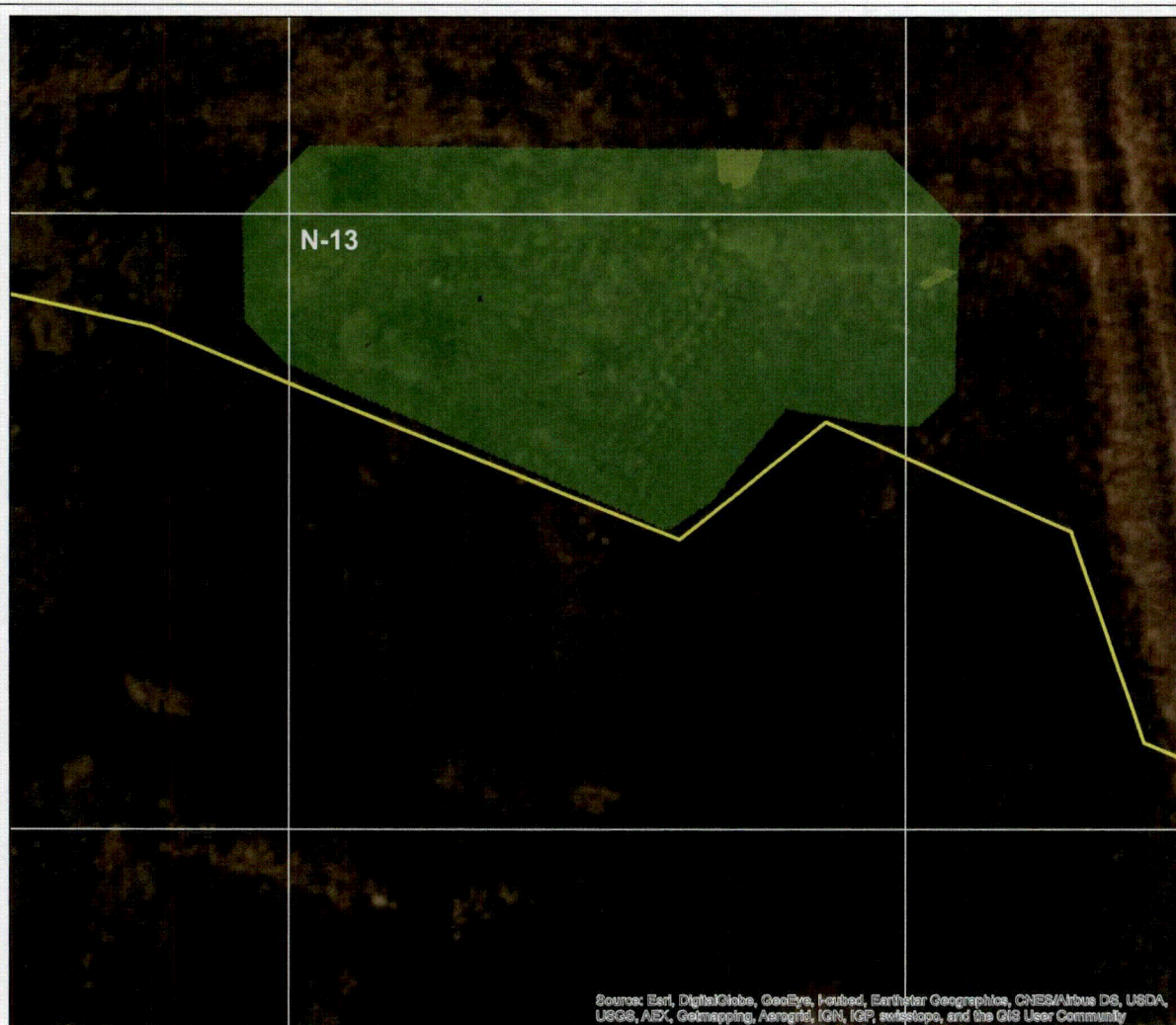
-  Grid Cell
-  TCRA Investigation Boundary

- Kriging**
-  < 2
  -  2 - 3
  -  3 - 4
  -  4 - 5
  -  > 5



 <b>TIDEWATER INC</b> <small>ENGINEERING • CONSULTING • PROJECT MANAGEMENT</small>		 U.S. Army Corps of Engineers Philadelphia District
Grid Cell N-13 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



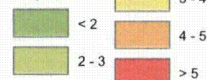


#### Legend

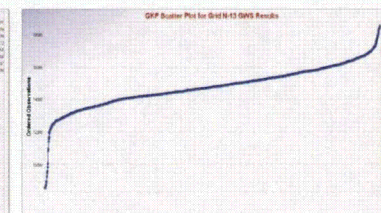
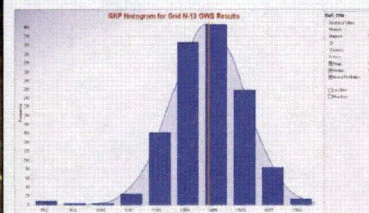
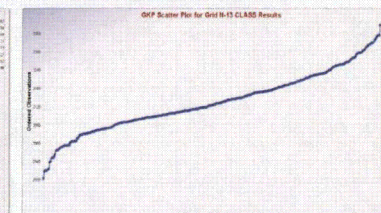
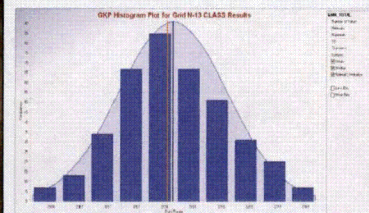
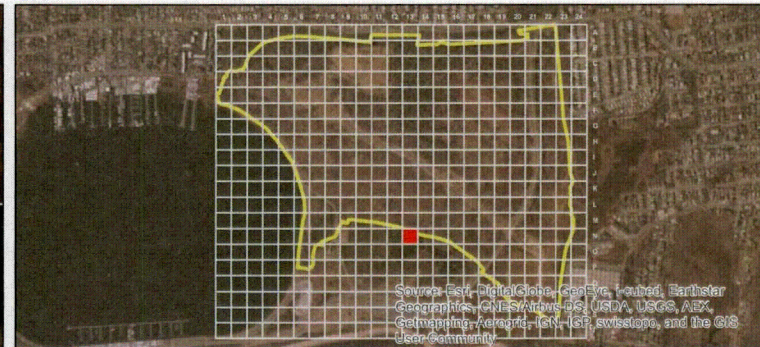
Grid Cell



TCRA Investigation Boundary

#### Kriging

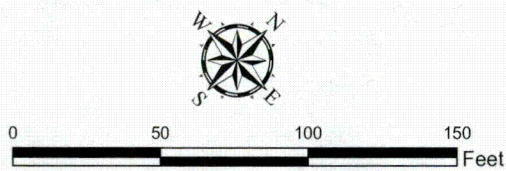
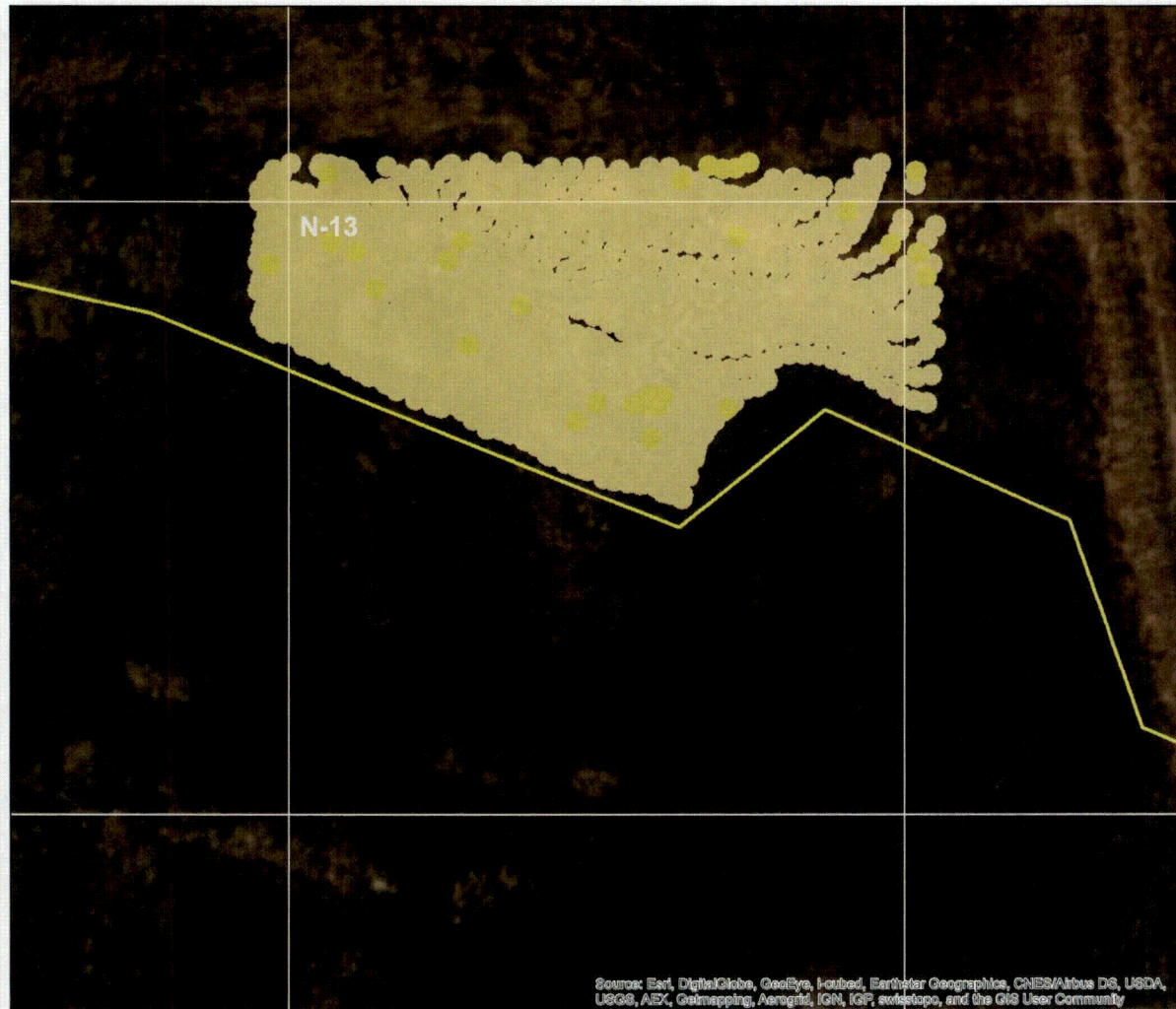


0 50 100 150 Feet



	<b>TIDEWATER INC</b> <small>CHANNELS • LOCKS • DAMS • MARINE SERVICES</small>		U.S. Army Corps of Engineers Philadelphia District
<h1>Grid Cell N-13 Kriging</h1>			
DESIGNED BY	Great Kills Park, Staten Island, NY		Figure #
JHG			
DRAWN BY			
JHG			
CHECKED BY			
CG	Contract No: W92BU-13-C-0010		June 2014

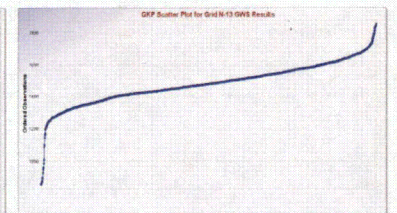
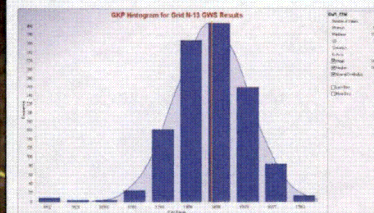
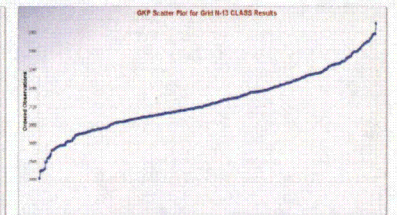
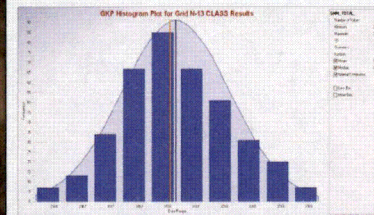
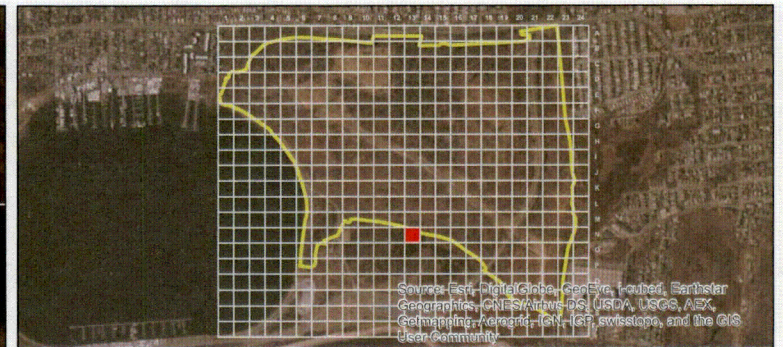




#### Legend

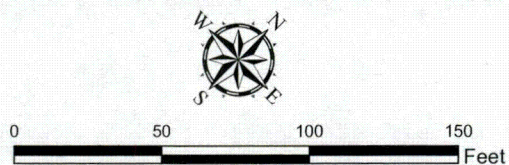
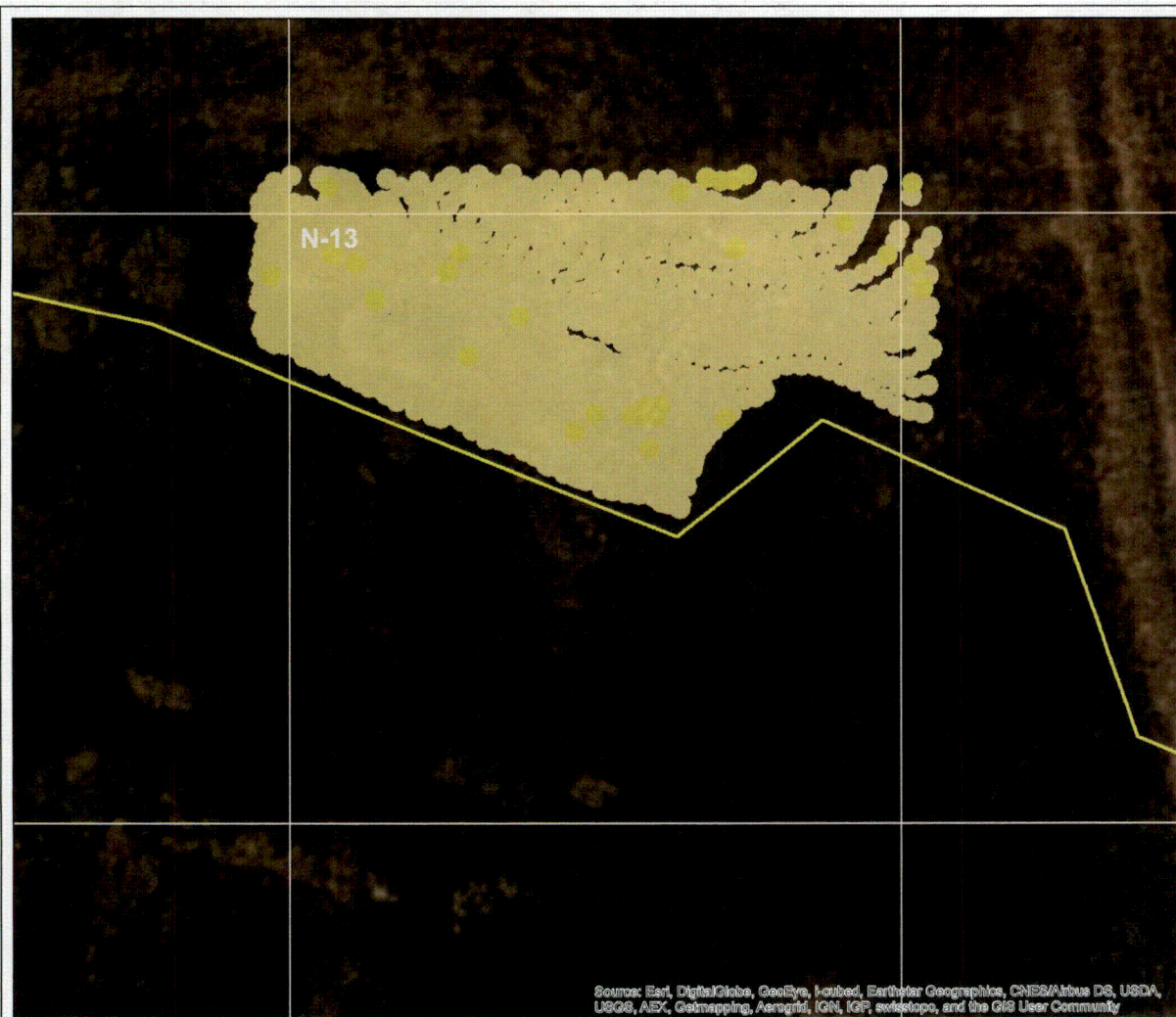
- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
  - 2 - 3
  - 3 - 5
  - 5 - 7
  - 7 - 11
  - 11 - 15
  - > 15



	<b>TIDEWATER INC</b> <small>ENGINEERS • SCIENTISTS • PROGRAM MANAGERS</small>		U.S. Army Corps of Engineers Philadelphia District
Grid Cell N-13 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010			
		June 2014	

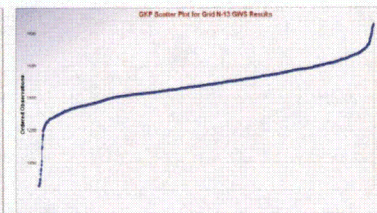
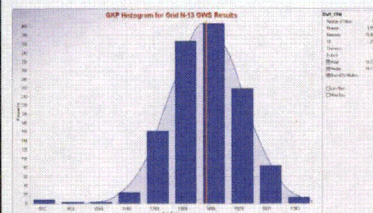
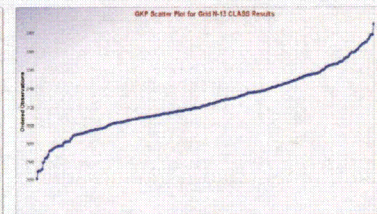
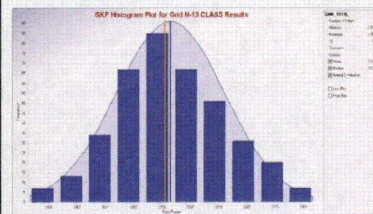




#### Legend

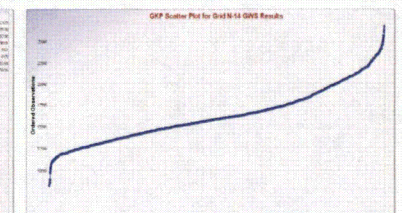
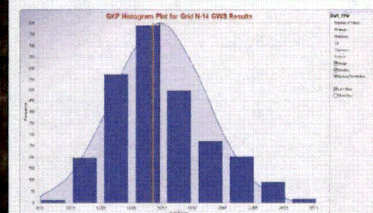
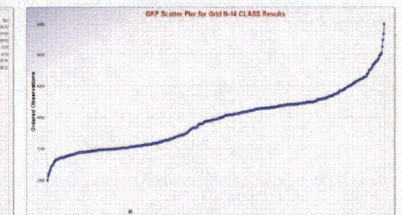
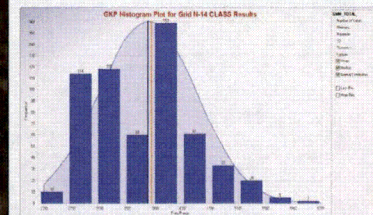
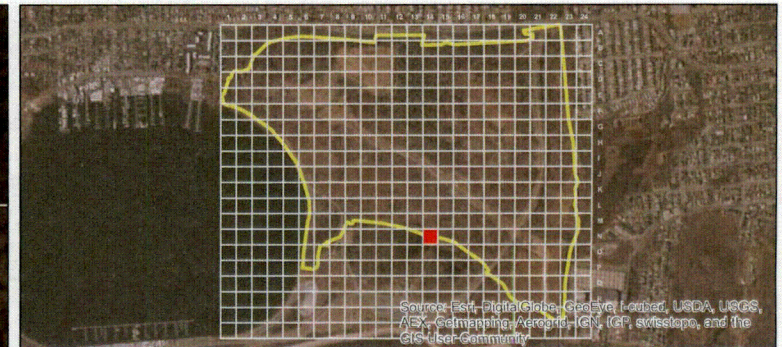
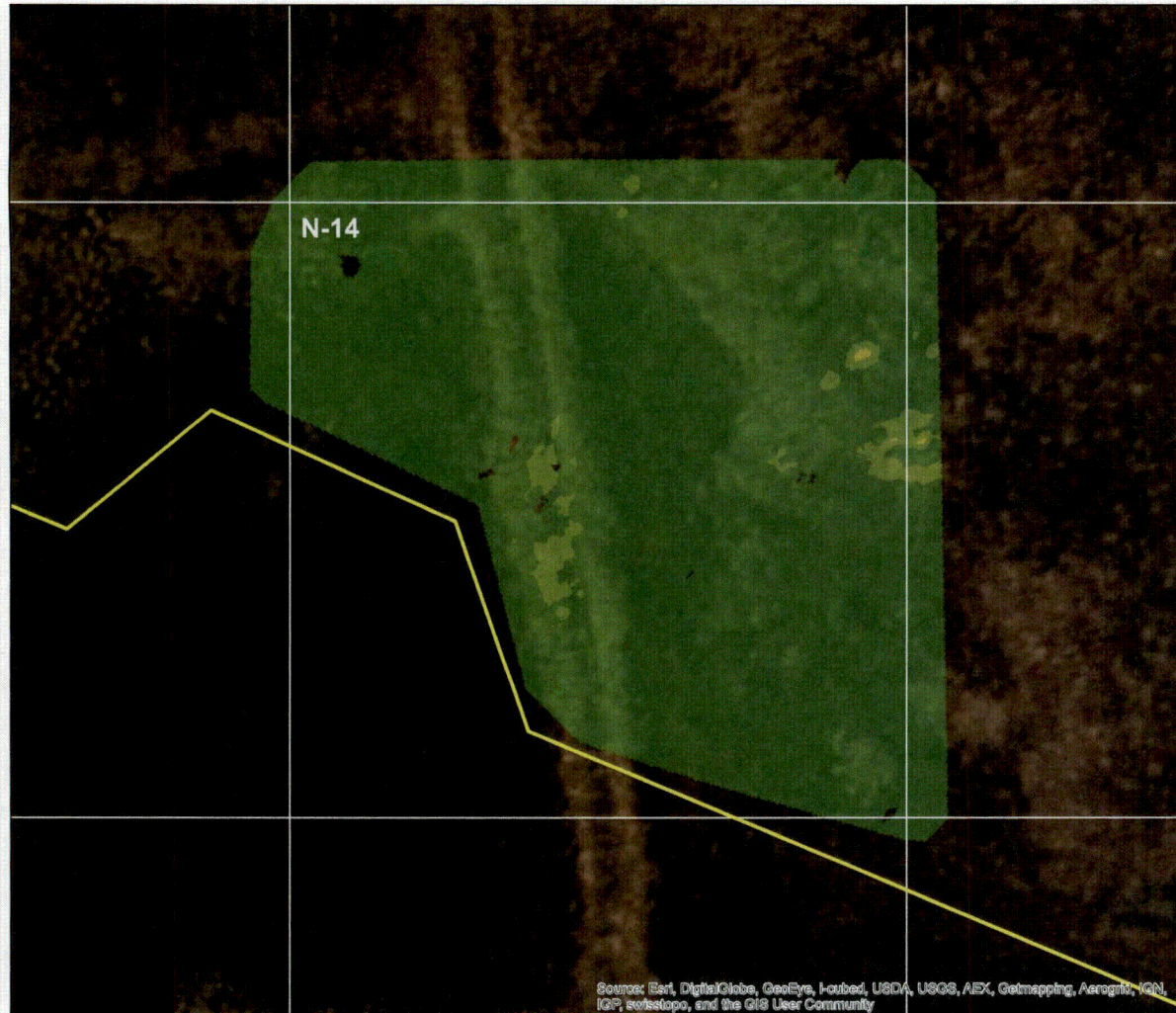
- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
  - 2 - 3
  - 3 - 5
  - 5 - 7
  - 7 - 11
  - 11 - 15
  - > 15



<p align="center"><b>Grid Cell N-13 Z-Score</b></p>		
DESIGNED BY	<p align="center">Great Kills Park, Staten Island, NY</p>	<p align="center">Figure #</p>
DRAWN BY		
CHECKED BY		
CG		
<p align="center">Contract No: W92BU-13-C-0010</p>		<p align="center">June 2014</p>





**Legend**

Grid Cell

TCRA Investigation Boundary

**Kriging**

< 2

2 - 3

3 - 4

4 - 5

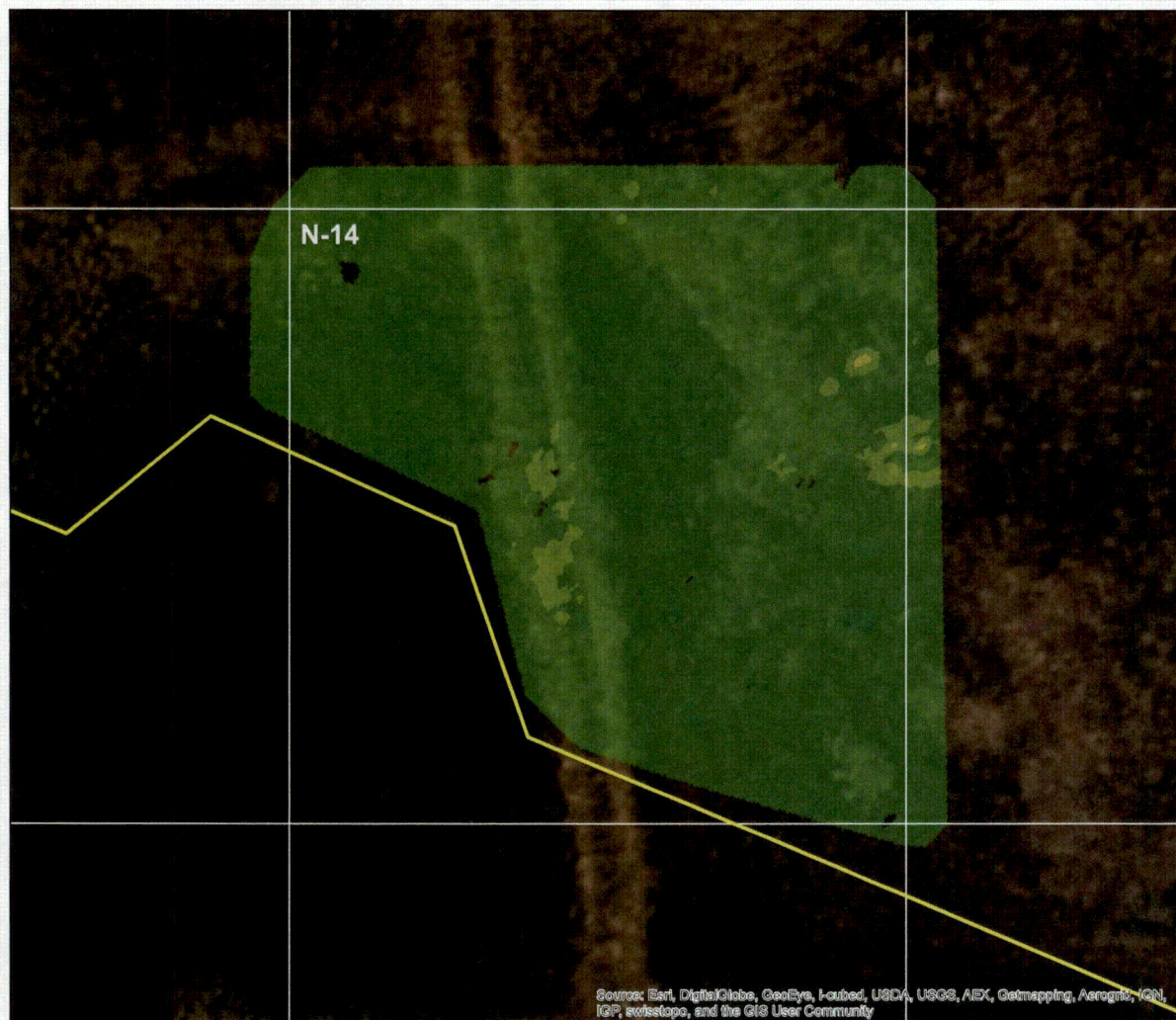
> 5



0 50 100 150 Feet

<b>Grid Cell N-14 Kriging</b>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014
CG		





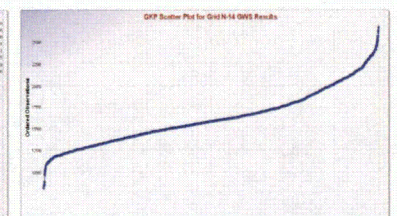
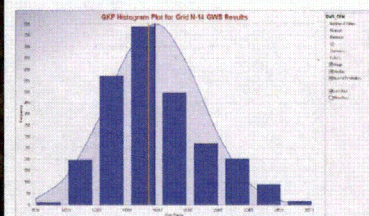
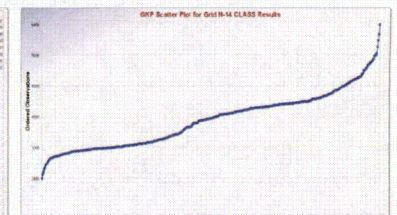
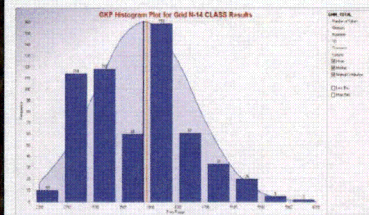
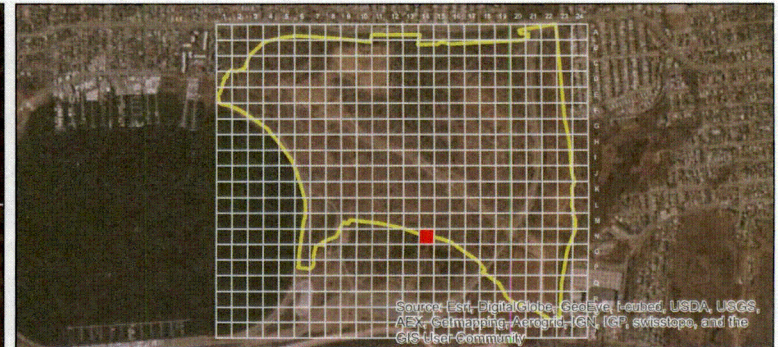
#### Legend

- Grid Cell
- TCRA Investigation Boundary

- Kriging**
- < 2
  - 2 - 3
  - 3 - 4
  - 4 - 5
  - > 5

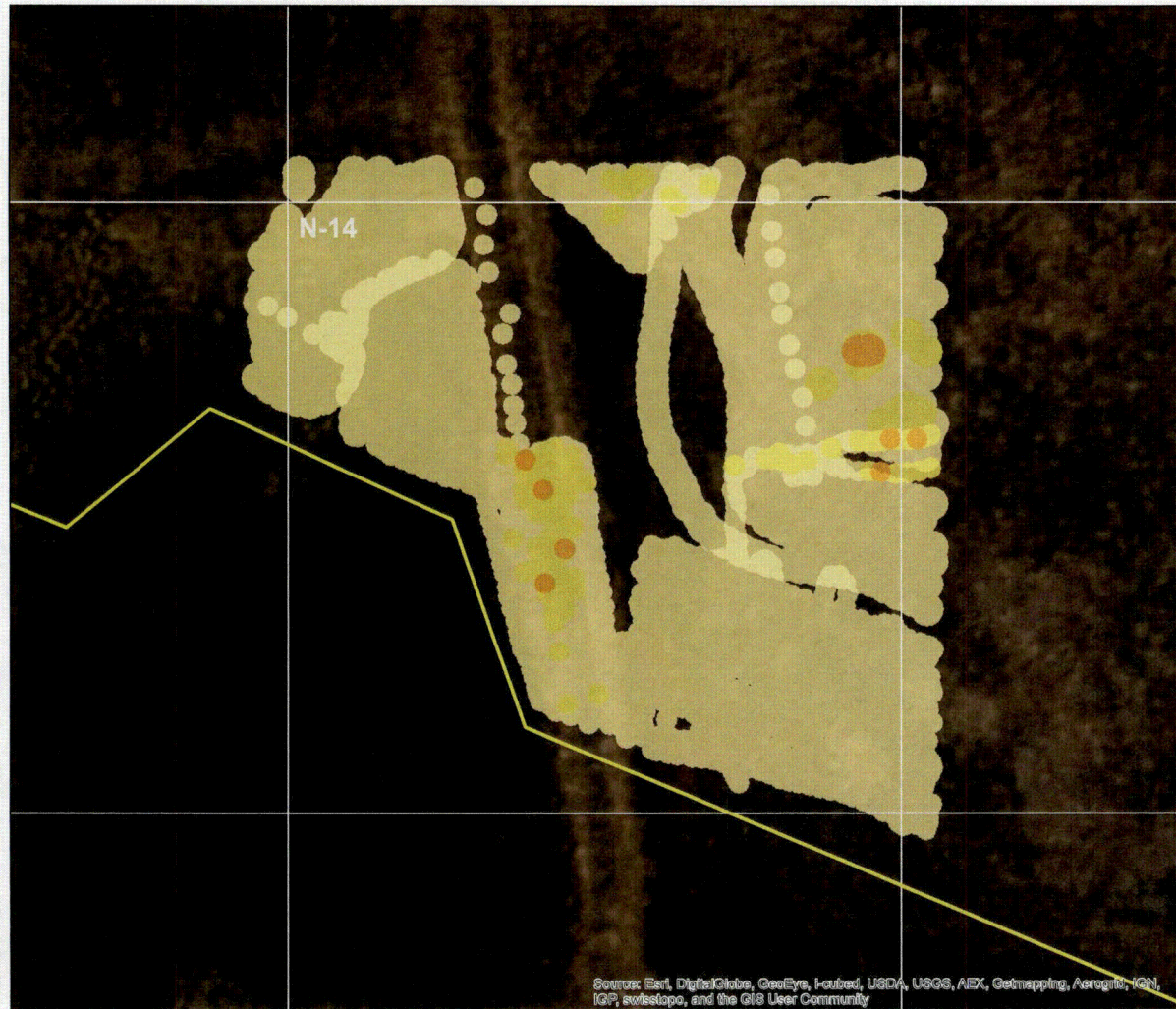


0 50 100 150 Feet



<b>TIDEWATER INC</b> ENGINEERS / GEOTECHNICAL / PROJECT MANAGEMENT		U.S. Army Corps of Engineers Philadelphia District
<b>Grid Cell N-14 Kriging</b>		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CS	Contract No: W92BU-13-C-0010	June 2014





#### Legend

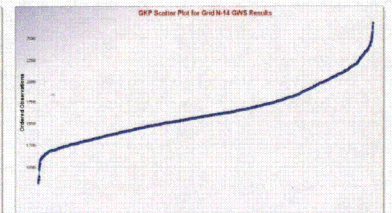
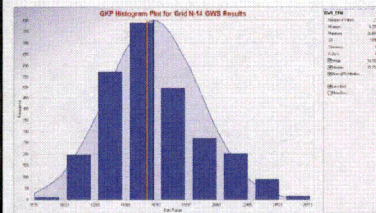
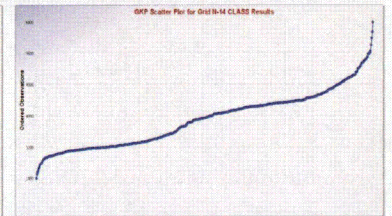
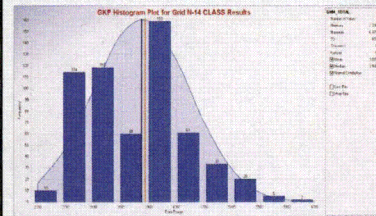
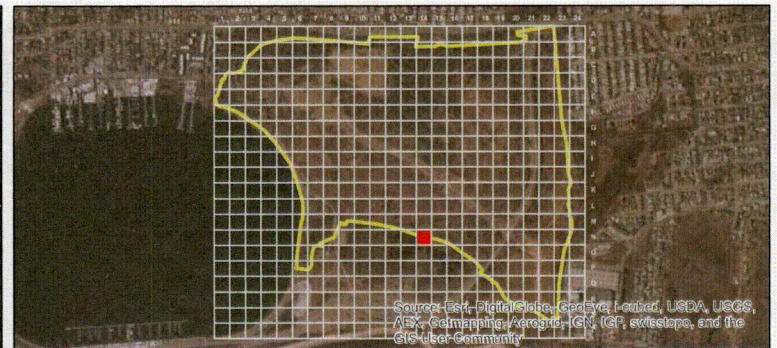
- Grid Cell
- TCRA Investigation Boundary


#### Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15

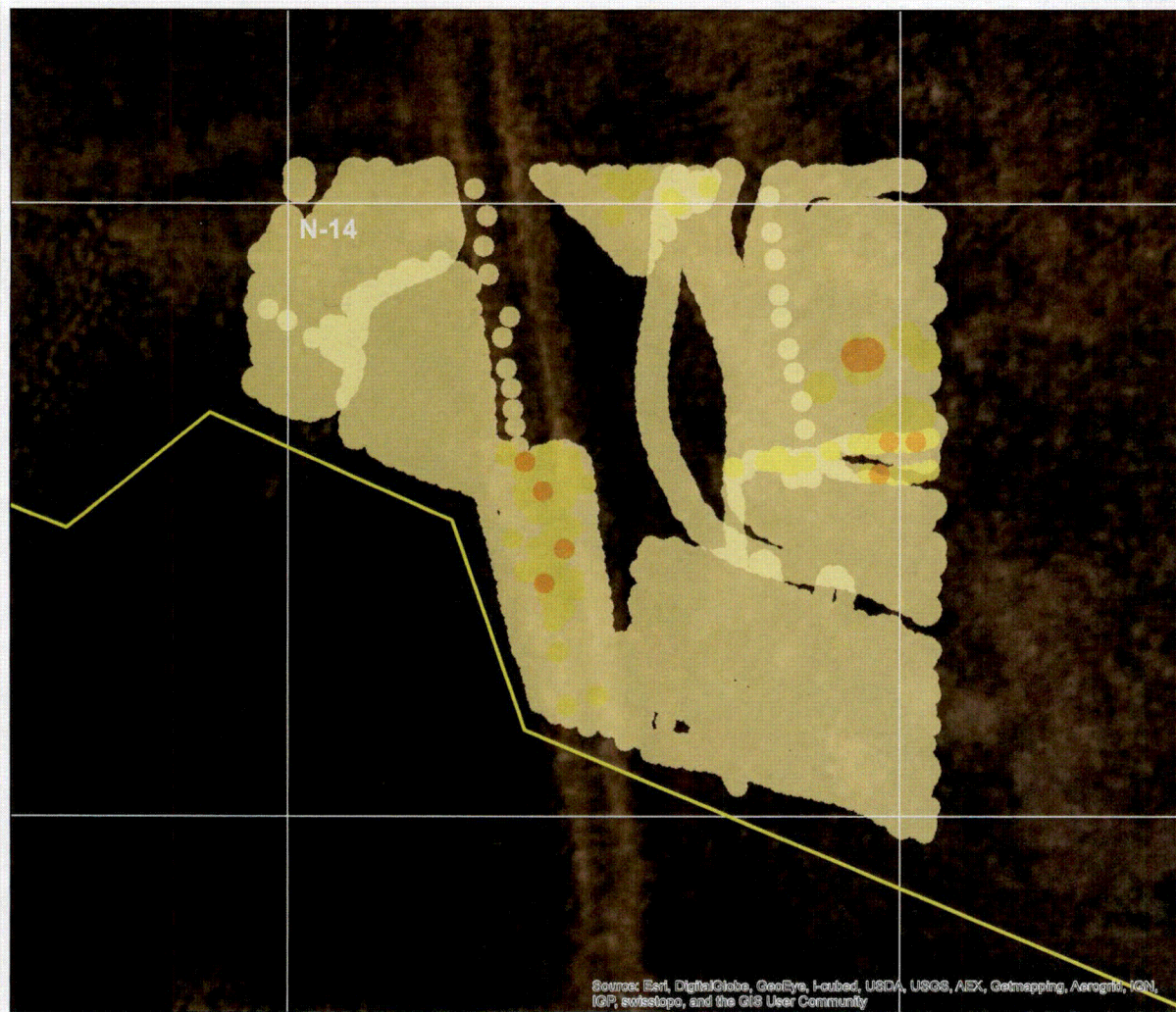


0 50 100 150 Feet



 <b>TIDEWATER INC</b> <small>ENGINEERS • ARCHITECTS • PROGRAM MANAGERS</small>		 U.S. Army Corps of Engineers Philadelphia District
Grid Cell N-14 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure # June 2014
DRAWN BY JHG		
CHECKED BY CG		
Contract No: W92BU-13-C-0010		





#### Legend

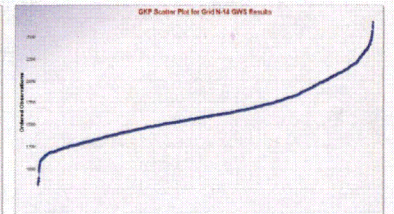
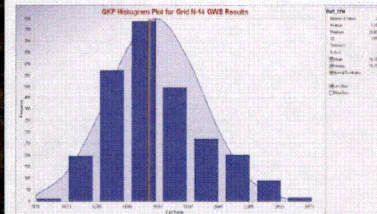
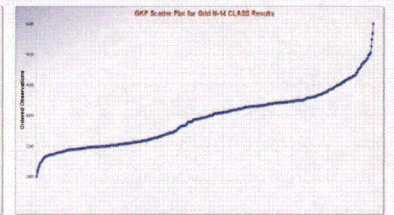
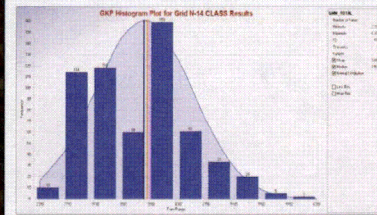
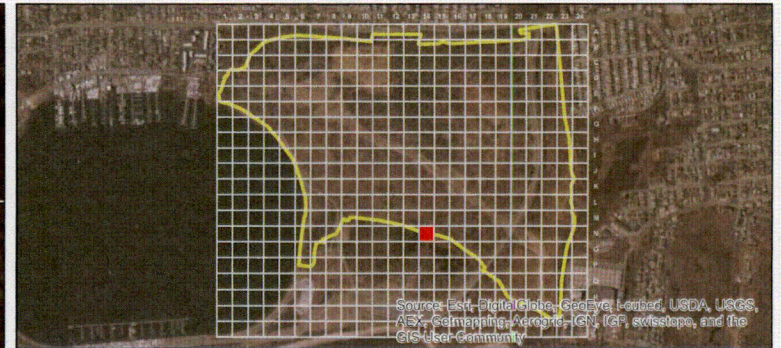
- Grid Cell
- TCRA Investigation Boundary

#### Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



0 50 100 150 Feet



	<b>TIDEWATER INC</b> <small>ENGINEERING • SURVEYING • DESIGN • ENVIRONMENTAL</small>		U.S Army Corps of Engineers Philadelphia District
Grid Cell N-14 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #	
DRAWN BY			
CHECKED BY			
CG			
Contract No: W92BU-13-C-0010		June 2014	