

DAILY FIELD REPORT 001

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy		Sunny	
TEMP.	< 32		32-50		50-70	x	70-85		>85	

BCP Project No:	C241175	Date:	September 8, 2021
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Project Name:	ABC Block 27 – SRI No.4	Time:	8:00 am to 5:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Elsah Boak

Subcontractor: None.

Work Activities Performed:

Langan began implementing Supplemental Remedial Investigation (SRI) No. 4 in accordance with the August 12, 2021 New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 4.

Groundwater Gauging Results

Monitoring Well	Depth to Product (feet below top of casing)	Depth to Water (feet below top of casing)	Product Thickness (feet)
MW57S	N/A	4.22	N/A
MW57D	9.79	9.81	0.02
MW58D	N/A	10.37	N/A

N/A = Not Applicable

Samples Collected:

The following groundwater samples were collected and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), sulfate, and sulfide:

- C241175_MW57S_090821
- C241175_MW58D_090821

The following groundwater samples were collected and submitted for laboratory analysis of dissolved SVOCs:

- C241175_MW57S(DS)_090821
- C241175_MW58D(DS)_090821

Material Tracking:

Purged groundwater was containerized into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drum. The drum will be transported to a permitted receiving facility for off-site disposal at a later date.

Planned Activities:

- Langan will continue implementing SRI No. 4.

Photo Log

Photo 1:

View of groundwater purged from monitoring well MW57S.



DAILY FIELD REPORT 002

Prepared By: LANGAN

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Sunny	
TEMP.	< 32		32-50		50-70	x	70-85	x	>85	

BCP Project No:	C241175	Date:	September 9, 2021
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Project Name:	ABC Block 27 – SRI No.4	Time:	8:00 am to 5:15 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Elsah Boak

Subcontractor: None.

Work Activities Performed:

Langan continued implementing Supplemental Remedial Investigation (SRI) No. 4 in accordance with the August 12, 2021 New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 4.

Groundwater Gauging Results

Monitoring Well	Depth to Product (feet below top of casing)	Depth to Water (feet below top of casing)	Product Thickness (feet)
MW28D	N/A	4.94	N/A
MW61S	N/A	3.23	NA
MW61D	N/A	6.72	N/A

N/A = Not Applicable

Samples Collected:

The following groundwater samples were collected and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), sulfate, and sulfide:

- C241175_MW61S_090921
- C241175_MW61D_090921

The following groundwater samples were collected and submitted for laboratory analysis of dissolved SVOCs:

- C241175_MW61S(DS)_090921
- C241175_MW61D(DS)_090921

The following groundwater samples were collected and submitted for laboratory analysis of TCL VOCs, SVOCs, sulfate, sulfide, total iron, total manganese, nitrate, nitrite, orthophosphate, biochemical oxygen demand (BOD), chemical oxygen demand (COD), total organic carbon (TOC):

- C241175_MW28D_090921

The following groundwater samples were collected and submitted for laboratory analysis of dissolved SVOCs, dissolved iron, and dissolved manganese

- C241175_MW28D(DS)_090921

Material Tracking:

Purged groundwater was containerized into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drum. The drum will be transported to a permitted receiving facility for off-site disposal at a later date.

Planned Activities:

- Langan will continue implementing SRI No. 4.

Photo Log

Photo 1:

View of Langan sampling monitoring well MW61D.



DAILY FIELD REPORT 003

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Sunny	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

Prepared By: LANGAN

BCP Project No:	C241175	Date:	September 10, 2021
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Project Name:	ABC Block 27 – SRI No.4	Time:	8:00 am to 2:15 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Elsah Boak

Subcontractor: None.

Work Activities Performed:

Langan continued implementing Supplemental Remedial Investigation (SRI) No. 4 in accordance with the August 12, 2021 New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 4.

Groundwater Gauging Results

Monitoring Well	Depth to Product (feet below top of casing)	Depth to Water (feet below top of casing)	Product Thickness (feet)
MW36S	N/A	4.84	N/A
MW36D	8.26	11.7	3.44

N/A = Not Applicable

Samples Collected:

The following groundwater sample was collected and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), sulfate, and sulfide:

- C241175_MW36S_091021

The following groundwater sample was collected and submitted for laboratory analysis of dissolved SVOCs:

- C241175_MW36S(DS)_091021

Material Tracking:

Purged groundwater was containerized into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drum. The drum will be transported to a permitted receiving facility for off-site disposal at a later date.

Planned Activities:

- Langan will continue implementing SRI No. 4.

Photo Log

Photo 1:

View of Langan sampling monitoring well MW36S.



DAILY FIELD REPORT 004

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Sunny	x
TEMP.	< 32		32-50		50-70		70-85	x	>85	

Prepared By: LANGAN

BCP Project No: C241175 **Date:** September 20, 2021**Project Name:** ABC Block 27 – SRI No.4 **Time:** 11:30 am to 5:30 pm**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)**Langan Field Personnel:**
Ethan Smith**Subcontractor:** None.**Work Activities Performed:**

Langan continued implementing Supplemental Remedial Investigation (SRI) No. 4 in accordance with the August 12, 2021 New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 4.

Groundwater Gauging Results

Monitoring Well	Depth to Product (feet below top of casing)	Depth to Water (feet below top of casing)	Product Thickness (feet)
MW27S	N/A	N/A (Well is Dry)	N/A
MW27D	N/A	12.11	N/A
MW32S	N/A	8.82	N/A
MW32D	N/A	11.98	N/A

N/A = Not Applicable

Samples Collected:

The following groundwater sample was collected and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), sulfate, and sulfide:

- C241175_MW27D_092021
- C241175_MW32S_092021
- C241175_MW32D_092021

The following groundwater sample was collected and submitted for laboratory analysis of dissolved SVOCs:

- C241175_MW27D(DS)_092021
- C241175_MW32S(DS)_092021
- C241175_MW32D(DS)_092021

Material Tracking:

Purged groundwater was containerized into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drum. The drum will be transported to a permitted receiving facility for off-site disposal at a later date.

Planned Activities:

- Langan will continue implementing SRI No. 4.

Photo Log

Photo 1:

View of Langan sampling monitoring well MW27D (facing east).



DAILY FIELD REPORT 005

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy	x	Sunny	
TEMP.	< 32		32-50		50-70		70-85	x	>85	

Prepared By: LANGAN

BCP Project No:	C241175	Date:	September 22, 2021
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Project Name:	ABC Block 27 – SRI No.4	Time:	8:00 am to 5:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Jacob Menken

Subcontractor: None.

Work Activities Performed:

Langan continued implementing Supplemental Remedial Investigation (SRI) No. 4 in accordance with the August 12, 2021 New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 4.

Groundwater Gauging Results

Monitoring Well	Depth to Product (feet below top of casing)	Depth to Water (feet below top of casing)	Product Thickness (feet)
MW25S	N/A	12.52	N/A
MW25D	N/A	9.35	N/A
MW51S	N/A	5.88	N/A
MW51D	11.58	11.96	0.38
MW56S	N/A	6.03	N/A
MW56D	12.40	14.20	1.80

N/A = Not Applicable

Samples Collected:

The following groundwater samples were collected and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), sulfate, and sulfide:

- C241175_MW25S_092221
- C241175_MW25D_092221
- C241175_MW51S_092221
- C241775_GWMS06_092221 (Matrix Spike – Quality Assurance/Quality Control)
- C241775_GWMSD06_092221 (Matrix Spike Duplicate – Quality Assurance – Quality Control)

The following groundwater samples were collected and submitted for laboratory analysis of dissolved SVOCs:

- C241175_MW25S(DS)_092221
- C241175_MW25D(DS)_092221
- C241175_MW51S(DS)_092221
- C241775_GWMS06(DS)_092221 (Matrix Spike – Quality Assurance/Quality Control)
- C241775_GWMSD06(DS)_092221 (Matrix Spike Duplicate – Quality Assurance – Quality Control)

Material Tracking:

Purged groundwater was containerized into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drum. The drum will be transported to a permitted receiving facility for off-site disposal at a later date.

Planned Activities:

- Langan will continue implementing SRI No. 4.

Photo Log

Photo 1:

View of Langan sampling monitoring well MW25D (facing east).



DAILY FIELD REPORT 006

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast	x	Partly Cloudy	x	Sunny	
TEMP.	< 32		32-50		50-70		70-85	x	>85	

BCP Project No:	C241175	Date:	September 23, 2021
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Project Name:	ABC Block 27 – SRI No.4	Time:	8:00 am to 2:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Jacob Menken

Subcontractor: None.

Work Activities Performed:

Langan continued implementing Supplemental Remedial Investigation (SRI) No. 4 in accordance with the August 12, 2021 New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP) No. 4.

Groundwater Gauging Results

Monitoring Well	Depth to Product (feet below top of casing)	Depth to Water (feet below top of casing)	Product Thickness (feet)
MW56S	N/A	6.07	N/A

N/A = Not Applicable

Samples Collected:

The following groundwater samples were collected and submitted for laboratory analysis of Target Compound List (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), sulfate, sulfide, nitrate, nitrite, orthophosphate, total organic carbon (TOC), chemical oxygen demand (COD), and biological oxygen demand (BOD), iron, and manganese:

- C241175_MW56S_092321
- C241175_GWDUP06_092321(Duplicate Sample of C241173_MW56S_092321)

The following groundwater samples were collected and submitted for laboratory analysis of dissolved SVOCs, iron, and manganese

- C241175_MW56S(DS)_092321
- C241175_GWDUP06(DS)_092321(Duplicate Sample of C241175_MW56S(DS)_092321)

Material Tracking:

Purged groundwater was containerized into one United Nations/Department of Transportation (UN/DOT)-approved 55-gallon drum. The drum will be transported to a permitted receiving facility for off-site disposal at a later date.

Deviation From Planned Activities:

An about 1-foot-thick water column, equating to a volume of about 0.041 gallons (about 155 milliliters [mL]), was observed in MW56S prior to purging and sampling. Due to limited volume and poor groundwater recharge during low-flow purging, samples were collected from MW56S via 0.75-inch-diameter polyethylene bailer utilizing a passive/no-purge method without stabilization of indicator field parameters.

Planned Activities:

- Langan completed SRI No. 4.
- Langan will coordinate removal of drummed investigative derived waste generated from implementation of the SRIs at ABC Blocks 25, 26 and 27.

Photo Log

Photo 1:

View of Langan sampling monitoring well MW56S via 0.75-inch-diameter bailer (facing south).

