

# TIMELINE OF ACTIVITIES

## Former Indian River State College

DATE	ACTIONS	Program or Agency Involved	NOTES
1/6/20	Initial request by SIS to access property. Site access granted.	DEP- Board of Trustees of IRSC	DEP secured site access through email chain and signed access agreement form DEP site number: ERIC_7538.
1/6/20	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2019-12-12-04. Ten nearby supply well PFAS sample results. Four results were above the Health Advisory Level (HAL) for combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS).
3/10/20	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2020-02-14-01. Ten nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.

<b>3/27/20</b>	Trip Report – Monitoring Well Installation and Site Assessment (Soil and Upper Surficial Groundwater)	DEP- State Contractor	State Contractor conducted activities from 3/23/20 through 3/26/20. Activities included: -Completed 20 soil borings to 10 feet (ft) below land surface (BLS). Borings were hand augered from 0 to 5 ft BLS and completed via direct push technology (DPT) from 5 to 10 ft BLS. The lithology was described at each boring and discrete soil samples were collected. -Collected six surface water samples. -Collected six hand- augered sediment samples from 0 to 1 ft BLS. -Observed the completion of one DPT groundwater boring to refusal at 90 ft BLS; groundwater samples were collected using a 4- ft DPT screen point sampler at 10 ft intervals from 16 ft BLS until refusal using high density polyethylene tubing and a check ball valve. -Observed the installation of six monitoring wells screened from 5 to 15 ft BLS via hollow stem auger.
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			-Collected one composite soil investigation derived waste (IDW) sample and three water IDW samples.
<b>4/23/20</b>	Certified sample event results received from FDEP Central Laboratory.	DEP, DEP Central Laboratory, DOH	Concentrations of PFOA and PFOS in groundwater were above the HAL for combined PFOA and PFOS and concentrations of PFOA and PFOS in soil were above provisional soil cleanup target levels. Results sent to DOH, appropriate DEP district and local staff. DOH requested to conduct nearby potable supply well sampling.

<p><b>5/15/20</b></p>	<p>Trip Report – Monitoring Well Installation and Site Assessment (Upper and Lower Surficial Aquifer Groundwater)</p>	<p>DEP- State Contractor</p>	<p>State Contractor conducted activities from 4/29/20 through 5/14/20. Activities Included: -Observed the installation of 6 monitoring wells (DEPMW-7 through DEPMW-12) completed from 5 to 15 ft BLS for the investigation of PFAS-impacted groundwater in the upper surficial aquifer associated with FIRSC; -Observed the installation of 9 monitoring wells (DEPMW-13 through DEPMW-21) for the investigation of PFAS- impacted groundwater in the lower surficial aquifer associated with FIRSC (1 well completed from 80 to 100 ft BLS, 1 well completed from 85 to 105 ft BLS, and 7 wells completed from 90 to 110 ft BLS; monitoring well completion intervals were adjusted based on field lithological observations to target productive sand units); -Collected core samples for lithologic description at the well locations; and</p>
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<p><b>5/20/20</b></p>	<p>Trip Report – Groundwater Sampling and Monitoring Well Survey</p>	<p>DEP- State Contractor</p>	<p>State Contractor conducted activities from 5/18/20 through 5/19/20. Activities Included:          -Collected depth-to-groundwater measurements from 21 monitoring wells (DEPMW-1 through DEPMW-21)          -Sampled 21 monitoring wells (DEPMW-1 through DEPMW-21) including collection of duplicate samples at DEPMW-3 and DEPMW-13;          -Observed the top-of-casing (TOC) elevation and horizontal survey for 21 newly installed monitoring wells.</p>
<p><b>6/03/20</b></p>	<p>Certified sample event results received from FDEP Central Laboratory.</p>	<p>DEP, DEP Central Laboratory, DOH</p>	<p>Concentrations of PFOA and PFOS in groundwater were above the HAL. Results sent to DOH, appropriate DEP district and local staff. DOH requested to conduct nearby potable supply well sampling.</p>
<p><b>6/19/20</b></p>	<p>Site Assessment Report (SAR)</p>	<p>State Contractor</p>	<p>Between March and May 2020, State Contractor completed a Site Assessment.</p>

<b>8/11/20</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2020-07-29-01. Six nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.
<b>8/28/20</b>	Off-Site Noticing	DEP-State Contractor	Off-Site Noticing letters mailed out to individual property owners who have suspected groundwater contamination.
<b>9/16/20</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2020-08-21-08. Seven nearby supply well sample results. Four results were above the HAL for combined PFOA and PFOS.
<b>9/23/20</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2020-09-16-01. Nine nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.

<b>11/2/20</b>	Proposed start date for supplemental site assessment activities.	DEP and State Contractor	Proposed sample collection to include: 76 soil samples 6 sediment samples 6 surface water samples 1 duplicate surface water sample 164 groundwater samples (143 DPT and 21 MW) 16 duplicate groundwater samples (14 DPT and 2 MW) equipment blanks for soil sampling 1 equipment blank for surface water sampling 1 equipment blanks for sediment sampling 14 equipment blanks for DPT GW sampling 2 equipment blanks for MW sampling 4 field blanks for the various water media 2 extra field blank
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<p><b>11/25/20</b></p>	<p>Laboratory analytical results released. SIS-2020-11-05-01 SIS-2020-11-12-01</p>	<p>DEP</p>	<p>The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in November 2020. Concentrations of perfluorooctane sulfonate (PFOS) and combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL); concentrations of PFOS in some of the soil samples were above provisional soil cleanup target levels.</p>
<p><b>12/11/20</b></p>	<p>DEP Central Laboratory certified DOH private supply well results</p>	<p>DOH</p>	<p>DWASTEWELL-2020-11-20-02. Ten nearby supply well sample results. Five results were above the HAL for combined PFOA and PFOS.</p>
<p><b>12/14/20</b></p>	<p>Supplemental site assessment activities completed</p>	<p>State Contractor</p>	<p>Samples submitted to FDEP Central Laboratory for analyses.</p>



<b>12/18/20</b>	Laboratory analytical results released. SIS-2020-11-02-07	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in November 2020. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).
<b>12/30/20</b>	Laboratory analytical results released. SIS-2020-12-11-02	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in December 2020. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).

<b>12/30/20</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2020-12-15-01. Twenty-Two nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.
<b>1/5/21</b>	Laboratory analytical results released. SIS-2020-12-15-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in December 2020. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).

<p><b>3/1/21</b></p>	<p>Proposed workplan for monitor well sampling and abandonment</p>	<p>DEP and State Contractor</p>	<p>Proposed sample collection and well abandonment to include:  2 MW groundwater samples from DEPMW-6 and DEPMW-15  1 duplicate groundwater sample  1 equipment blank for MW sampling  1 field blank for MW sampling</p> <p>DEPMW-6 and DEPMW-15 will then be abandoned due to future construction activities taking place on the FIRSC property</p> <p>Monitor well sampling and well abandonment is tentatively scheduled to begin the week of March 22</p>
<p><b>3/2/21</b></p>	<p>DEP Central Laboratory certified DOH private supply well results</p>	<p>DOH</p>	<p>DWRMWELL-2021-02-23-02. Ten nearby supply well sample results. Two results were above the HAL for combined PFOA and PFOS.</p>

<b>3/31/21</b>	Laboratory analytical results released. SIS-2021-03-24-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in March 2021. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in DEPMW-6 and DEPMW-15 were either non-detect or below the Health Advisory Level (HAL).
<b>4/13/21</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2021-04-01-08. Ten nearby supply well sample results. Three results were above the HAL for combined PFOA and PFOS.
<b>4/14/21</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2021-04-01-09. Ten nearby supply well sample results. Three results were above the HAL for combined PFOA and PFOS.

<p><b>5/25/21</b></p>	<p>Proposed workplan for Supplemental Site Activities</p>	<p>DEP and State Contractor</p>	<p>Proposed Sample Collection to Include:          6 surface water samples          1 duplicate surface water sample          145 groundwater samples (116 DPT and 29 MW)          14 duplicate groundwater samples (11 DPT and 3 MW)          1 equipment blank for surface water sampling          7 equipment blanks for DPT GW sampling          2 equipment blanks for MW installation and sampling          4 field blanks for the various water media          1 extra field blank</p> <p>DPT groundwater and surface water sampling is tentatively scheduled to begin the week of July 12<sup>th</sup>.</p> <p>Monitoring well installation and sampling is tentatively scheduled to begin the week of August 23<sup>rd</sup>.</p>
<p><b>6/29/21</b></p>	<p>DEP Central Laboratory certified DOH private supply well results</p>	<p>DOH</p>	<p>DWRMWELL-2021-06-17-05. Four nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.</p>

<b>8/2/21</b>	Trip Report – Site Assessment (Surface Water and DPT Screen Point Sampling)	State Contractor	<p>Observed a private utility locate. Collected 5 surface water samples. Screen point groundwater samples were collected at 10 ft intervals between 16 and 120 ft BLS (11 sample intervals per boring) at 7 locations. Screen point groundwater samples were collected at 10 ft intervals between 16 and 100 ft BLS (9 sample intervals per boring) at 3 locations. Screen point groundwater samples were collected at 10 ft intervals between 126 and 150 ft BLS (3 sample intervals per boring) at 2 locations. Samples were collected from screen point samplers using high-density polyethylene tubing and a peristaltic pump. Staged 14, 55-gallon drums containing liquid investigation-derived waste in a designated area approved by FIRSC personnel. Collected horizontal coordinates of each sampling location using a global positioning system.</p>
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<b>8/2/21</b>	Laboratory analytical results released. SIS-2021-07-20-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in July 2021. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).
<b>8/4/21</b>	Laboratory analytical results released. SIS-2021-07-23-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in July 2021. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).

<p><b>8/11/21</b></p>	<p>Laboratory analytical results released. SIS-2021-07-19-01</p>	<p>DEP</p>	<p>The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in July 2021. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).</p>
<p><b>8/16/21</b></p>	<p>Laboratory analytical results released. SIS-2021-08-02-01</p>	<p>DEP</p>	<p>The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in July 2021. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).</p>
<p><b>9/27/21</b></p>	<p>DEP Central Laboratory certified DOH private supply well results</p>	<p>DOH</p>	<p>DWRMWELL-2021-09-09-05. Eleven nearby supply well sample results. Two results were above the HAL for combined PFOA and PFOS.</p>



<b>9/27/21</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2021-09-10-06. Six nearby supply well sample results. Two results were above the HAL for combined PFOA and PFOS.
<b>10/1/21</b>	Laboratory analytical results released. SIS-2021-09-08-02	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in September 2021. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).

<p><b>2/8/2022</b></p>	<p>Proposed workplan for Supplemental Site Activities</p>	<p>DEP and State Contractor</p>	<p>Proposed Sample Collection to Include:        85 soil samples (0-0.5', 0.5-2', 2-4', 5-7', and 8-10') from 17 locations via hand auger and DPT soil sampler        8 surface water samples (7 locations and 1 duplicate) that includes 1 to be determined location from the stormwater conveyance upgradient from SW-12        80 DPT groundwater samples (72 discrete samples from 16-20, 26-30', 36-40', 46-50', 56-60', 66-70', 76-80', 86-90', 96-100' and 8 duplicates) from 8 sampling locations        5 groundwater samples from newly installed monitoring wells colocated with soil sample locations        Monitoring wells are anticipated to be 1" pre-packed wells screened across the water table from 5-15'        11 equipment blanks        4 field reagent blanks        2 IDW samples (1 soil PFAS and 1 water PFAS)</p> <p>Field activities are tentatively scheduled to begin the week of April 18, 2022.</p>
<p><b>4/6/22</b></p>	<p>DEP Central Laboratory certified DOH private supply well results</p>	<p>DOH</p>	<p>DWRMWELL-2022-03-22-01. Seven nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.</p>

<b>4/6/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2022-03-22-02. Six nearby supply well sample results. Four results were above the HAL for combined PFOA and PFOS.
<b>5/19/22</b>	Laboratory analytical results released. SIS-2022-04-25-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in April 2022. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL); concentrations of PFOS in some of the soil samples were above provisional soil cleanup target levels.
<b>5/19/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2022-04-20-01. One nearby supply well sample result. None were above the HAL for combined PFOA and PFOS.

<b>5/19/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2022-04-20-02. Two nearby supply well sample results. None were above the HAL for combined PFOA and PFOS.
<b>5/24/22</b>	Laboratory analytical results released. SIS-2022-04-28-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in April 2022. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).
<b>5/24/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2022-05-06-01. One nearby supply well sample result. None were above the HAL for combined PFOA and PFOS.
<b>5/24/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2022-05-06-04. Thirteen nearby supply well sample results. Four were above the HAL for combined PFOA and PFOS.

<b>5/26/22</b>	Laboratory analytical results released. SIS-2022-05-03-01	DEP	The FDEP Central Laboratory released certified analytical results associated with the ongoing supplemental assessment performed in April 2022. Concentrations of combined perfluorooctanoate acid (PFOA) and perfluorooctane sulfonate (PFOS) in groundwater were above the Health Advisory Level (HAL).
<b>6/27/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2022-06-21-01. Two nearby supply well sample results. None were above the HAL for combined PFOA and PFOS.
<b>7/22/22</b>	Supplemental Site Assessment Activities Completed	State Contractor	Additional delineation concluded. Analytical data not yet certified. DOH sampling additional private supply wells. PFBS low.
<b>8/22/22</b>	Supplemental Site Assessment Report (SSAR)	State Contractor	During April 2022, State Contractor completed a Site Assessment.  State Contractor is working on a proposal for the next phase of work.

<b>8/30/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2022-08-10-03. Twenty nearby supply well sample results. One result was above the HAL for combined PFOA and PFOS.
<b>9/8/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2022-08-31-03. Five nearby supply well sample results. None were above the HAL for combined PFOA and PFOS.
<b>9/9/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWASTEWELL-2022-09-01-01. One nearby supply well sample result. None were above the HAL for combined PFOA and PFOS.
<b>9/27/22</b>	DEP Central Laboratory certified DOH private supply well results	DOH	DWRMWELL-2022-09-22-03. Four nearby supply well sample results. Three results were above the HAL for combined PFOA and PFOS.
<b>5/18/23</b>	Supplemental Site Assessment Activities Completed	State Contractor	Additional groundwater delineation completed. Surface water also sampled. SSAR due June 2, 2023. Task completion date of June 30, 2023.
<b>6/22/23</b>	Supplemental Site Assessment Report Received	State Contractor	Report details assessment activities and results with recommendations for further assessment.

<b>12/7/23</b>	Proposed workplan for Supplemental Site Activities	DEP and State Contractor	Additional off-site groundwater and surface water sampling will be performed to further delineate the extent of PFAS contamination. Field work to commence in January 2024 with supplemental report to be submitted in May 2024.
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