

August 5, 2019***via email: Kevin.Garon@chemours.com
Brian.D.Long@chemours.com***

Mr. Kevin Garon
Principal Project Director
Chemours Corporate Remediation Group
Charlotte, NC

Mr. Brian D. Long
Plant Manager
Chemours – Fayetteville Works
Fayetteville, NC

**Subject: Old Outfall 002 GAC Pilot Study Interim Results Report
Chemours Fayetteville, North Carolina Facility**

Dear Mr. Garon,

Parsons Infrastructure (Parsons) is pleased to present this interim report summarizing results obtained to-date during operation of the Old Outfall 002 (OOF2) GAC pilot treatment system.

Parsons prepared a preliminary design of a pilot-scale treatment system to treat water collected from Old Outfall 002, Option B location. The pilot treatment system incorporates batch pretreatment to remove nuisance iron and solids, followed by continuous treatment through granular activated carbon (GAC) arranged in a series of four columns to remove PFAS. The system was designed to allow treatment through two series of columns simultaneously, allowing a comparison either in pretreatment conditions (e.g., testing at two different pH values) or in the type of GAC (e.g., regenerated versus virgin F400). The treatment system is in an unused Chemours warehouse space just north of the DuPont manufacturing facility at Fayetteville Works.

Parsons proceeded with construction of the pilot treatment system beginning the week of May 27, 2019. Construction included a FRAC tank for influent water storage; water is collected from the proposed dam location using a trash pump and transferred to the pilot system location using a water truck. Construction of the pilot treatment plant (with the exception of installation of bag filters and connection of the GAC columns on the 2nd treatment train) was completed on June 12th and commissioned with distilled water.

A Pre-Startup Safety Review (PSSR) was performed with Chemours during which the following items were identified:

- Covers for mixer openings on tanks
- Marking tape on all lines
- Conduit ramps for cords and tubing on floor
- Better securement of line to pH adjustment tank T-005
- Isolation of floor drain with sand bags

The pilot treatment started up on Friday, June 14th when the first batch of Old Outfall 002 water was treated including aeration, pH adjustment to around 8 s.u., and settling. Following settling the water was pumped through bag filters BF-01A/01B to Batch Holding Tank T-003. Pumping through the GAC columns was then initiated and the pumping rate adjusted to provide a target flow rate of 0.11 gpm (0.42 L/min). In tandem with startup, the PSSR items were addressed; spill-adsorbent socks (“pigs”) were placed in lieu of sand bags with Chemours’ approval.

Pumping has been maintained continuously through the GAC columns along the 1st train (‘A’ Train). Several minor items have been addressed during the early period of operation as outlined below:

- Early in the operation, a noticeable pressure drop was observed in the 1st column, and a slightly reduced flow rate resulted. Troubleshooting revealed iron deposition in the 1st column. The iron and a minor amount of carbon were removed.
- The use of glass wool alone to support the GAC columns, which was typical during bench-scale column studies, has proven problematic. The glass wool was found to be compressing into the column effluent opening thereby causing the pressure buildup. The quantity of glass wool was reduced in the 1st two columns and supplemented with marble chips and gravel to prevent localized compression. Following this replacement, the pressure was significantly reduced.
- Vinyl tubing from the GAC column metering pump to and between the columns was replaced with 100 psi rated reinforced tubing.

Parsons developed a sampling schedule intended to (1) provide information on breakthrough of target constituents through the four columns; and (2) provide relevant pretreatment information including iron, TSS, and TOC removal. In summary:

- Table 3+ samples including HFPO-DA have been collected daily in the effluent from the 1st GAC column, from the 2nd GAC column at least three times per week, and from the 3rd and 4th GAC Columns twice per week. Table 3+ samples have been submitted for on-site analysis.
- EPA Mod 537 MAX samples have been collected 2 – 3 times per week from each GAC column and submitted to TestAmerica Sacramento, CA.
- Table 3+ and EPA Mod 537 MAX samples are being collected weekly from influent and from each pretreated batch.
- TOC samples are being collected along with PFAS samples from the columns. Total iron, total iron (field-filtered), TSS, and TOC are also being collected weekly from influent and from pretreated batches.

Parsons has received Table 3+ analytical data for samples through July 22, 2019. The results to-date are summarized in Table 1. The results are summarized as follows:

- PFMOAA started to break through the 1st column on 6/26/19.
- PMPA started to break through the 1st column on 6/30/19; the rate of breakthrough relative to its column influent concentration is similar to PFMOAA.
- HFPO-DA started to break through the 1st column on 7/2/19; the rate of breakthrough relative to its column influent concentration is slower than PFMOAA.

PARSONS

Kevin Garon
Chemours Corporate Remediation Group
Old Outfall 002 GAC Pilot Study Interim Results Report – Fayetteville, NC
August 5, 2019
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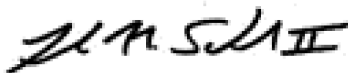
- A number of other compounds have started to break through the 1st column on the dates indicated below; the rates of breakthrough relative to their column influent concentrations are slower than PFMOAA:
 - PF02HxA: 7/2/19
 - PEPA: 7/3/19
 - PF030A: 7/9/19 (one detection 7/3/19 followed by additional period of non-detect)
 - NVHOS: 7/11/19
 - PF05DA: 7/19/19
- No compounds have broken through the 2nd, 3rd, or 4th columns.
- PFMOAA concentrations decreased by 40% during pretreatment; several other of the more predominant compounds decreased by lower percentages. Parsons will investigate losses through other pathways as part of the overall pilot treatment study.

Operation with the current influent batch will continue with the immediate objective of observing PFMOAA to break through completely through the 1st column and start to break through the 2nd column.

Parsons has collected a 2nd influent batch in a separate FRAC tank in preparation for the next experiment. The next experiment will include the operation of two GAC column trains in parallel; the experiment will likely compare treatment between F400 GAC (same baseline conditions as 1st study for repeatability) with a regenerated bituminous coal-based variant (Calgon DSR-A).

Parsons is pleased work with Chemours to provide support for this project. If you have any comments or concerns regarding this interim update report, please contact me at (315) 552-9729 (office) or 315-403-3606 (mobile).

Sincerely,



Ted Schoenberg, PhD, PE
Senior Engineer / Project Manager

cc: Les Cordone, PE
Michael Robinson, PE
Adway Biniwale, PE
Kyle King, PE
Ben Krause
Project 449338 File

Table 1. GAC Pilot Study Summary of Table 3+ Sample Results (as of 7/22/19)

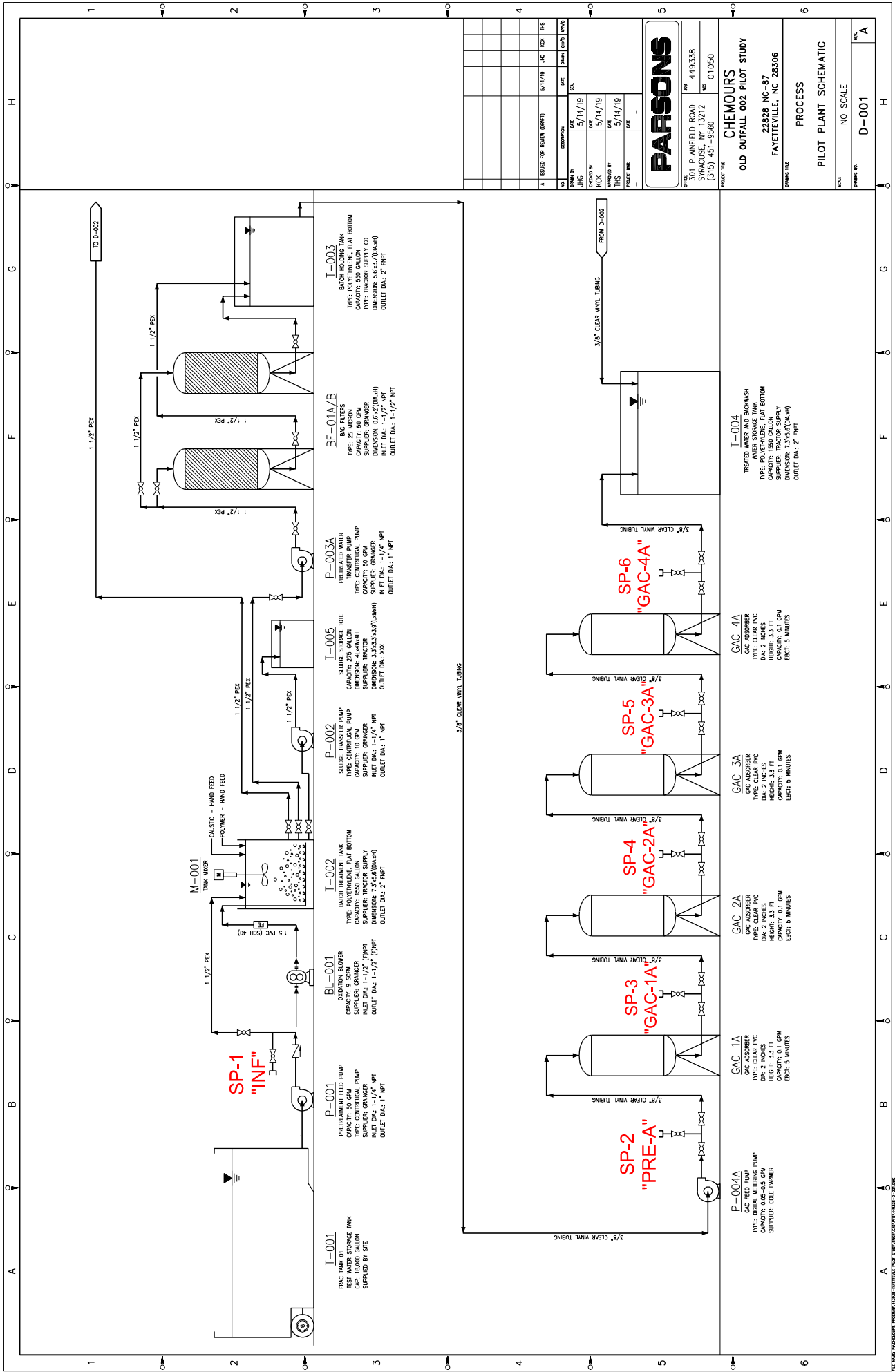
Sample	Date	PFMOAA (ppb)	PMPA (ppb)	HFPO-DA (ppb)	PEPA (ppb)	PFO2HxA (ppb)	PFO3OA (ppb)	PFO4DA (ppb)	PFO5DA (ppb)	EVE Acid (ppb)	Hydro EVE (ppb)
INFLUENT	Average	35.8	2.9	4.1	0.62	14.9	2.6	0.82	4.1	2.9	14.9
PRE-A*	Average	20.2	2.7	4.5	0.67	15.6	2.9	0.91	4.1	2.8	14.8
GAC 1A	6/14 – 6/26	< 0.0106	< 0.0048	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	6/27	0.027	< 0.0048	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	6/28	0.074	0.026	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	6/29	0.19	0.074	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	6/30	0.39	0.14	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/01	0.66	0.23	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/02	0.89	0.35	0.027	< 0.0235	0.017	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/03	2.92	0.80	0.19	0.057	0.20	0.034	0.012	< 0.0070	< 0.0052	0.0030
	7/05	3.52	0.82	0.048	0.032	0.069	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/06	4.50	1.03	0.10	0.051	0.12	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/07	5.02	1.06	0.081	0.049	0.10	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/08	5.50	1.04	0.020	< 0.0235	0.047	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
	7/09	8.88	1.43	0.25	0.097	0.30	0.027	< 0.0082	< 0.0070	< 0.0052	0.0040
	7/10	7.59	1.66	0.30	0.14	0.36	0.031	< 0.0082	< 0.0070	< 0.0052	0.0050
	7/11	8.90	1.78	0.27	0.13	0.32	0.026	< 0.0082	< 0.0070	< 0.0052	0.0030
	7/12	8.80	1.80	0.38	0.15	0.52	0.049	0.010	< 0.0070	< 0.0052	0.0060
7/13	8.10	1.66	0.29	0.13	0.42	0.033	< 0.0082	< 0.0070	< 0.0052	0.0040	
7/14	8.76	1.71	0.31	0.12	0.48	0.034	< 0.0082	< 0.0070	< 0.0052	0.0040	
7/15	10.6	1.93	0.44	0.16	0.73	0.049	< 0.0082	< 0.0070	< 0.0052	0.0060	
7/17	12.3	2.01	0.50	0.17	0.93	0.063	< 0.0082	< 0.0070	< 0.0052	0.0070	
7/19	13.9	2.26	0.68	0.28	1.50	0.10	< 0.0082	0.0076	< 0.0052	< 0.0020	
7/20	15.2	2.15	0.83	0.29	1.93	0.14	< 0.0082	0.0092	< 0.0052	< 0.0020	
7/22	18.4	2.31	0.77	0.29	1.96	0.12	< 0.0082	0.0076	< 0.0052	< 0.0020	
GAC 2A	6/14 – 7/22	< 0.0106	< 0.0048	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
GAC 3A	6/14 – 7/22	< 0.0106	< 0.0048	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020
GAC 4A	6/14 – 7/22	< 0.0106	< 0.0048	< 0.0117	< 0.0235	< 0.0048	< 0.0092	< 0.0082	< 0.0070	< 0.0052	< 0.0020

* Influent concentration to GAC columns

Table 1. GAC Pilot Study Summary of Table 3+ Sample Results (as of 7/22/19)

Sample	Date	R-EVE	NVHOS	PFECA-B	PFECA-G	PES	Byproduct 1	Byproduct 2	Byproduct 4	Byproduct 5	Byproduct 6
		(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
INFLUENT	Average	0.11	0.64	< 0.0035	< 0.0062	0.0014	0.16	2.6	0.50	0.85	0.62
	Average	< 0.0107	0.65	< 0.0035	< 0.0062	0.0013	0.18	2.6	0.05	0.21	0.57
GAC 1A	6/14 – 6/26	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	6/27	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0048	< 0.0067	< 0.0020
	6/28	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	0.0963	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	6/29	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	0.1009	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	6/30	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/01	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	0.1017	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/02	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/03	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	0.012	< 0.0020
	7/05	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/06	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/07	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/08	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
	7/09	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	0.0090	< 0.0020
	7/10	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	0.0070	< 0.0020
7/11	< 0.0107	0.012	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/12	< 0.0107	0.018	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/13	< 0.0107	0.014	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/14	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/15	< 0.0107	0.022	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/17	< 0.0107	0.025	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/19	< 0.0107	0.049	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/20	< 0.0107	0.067	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
7/22	< 0.0107	0.058	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020	
GAC 2A	6/14 – 7/09	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
GAC 3A	6/14 – 7/09	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020
GAC 4A	6/14 – 7/09	< 0.0107	< 0.0114	< 0.0035	< 0.0062	< 0.0012	< 0.0094	< 0.0073	< 0.0073	< 0.0067	< 0.0020

* Influent concentration to GAC columns



I-001
 RAW WATER TANK
 TYPE: 304 STAINLESS STEEL
 CAPACITY: 18,000 GALLON
 SUPPLIER: SFE
 INLET DIA: 1-1/4" NPT
 OUTLET DIA: 2" NPT

I-002
 BATCH TREATMENT TANK
 TYPE: 304 STAINLESS STEEL
 CAPACITY: 1500 GALLON
 SUPPLIER: TRACTOR SUPPLY CO
 DIMENSION: 73.5x6.0(DIA-H)
 OUTLET DIA: 2" NPT

I-003
 BATCH HOLDING TANK
 TYPE: 304 STAINLESS STEEL
 CAPACITY: 200 GALLON
 SUPPLIER: TRACTOR SUPPLY CO
 DIMENSION: 56.3x7.0(DIA-H)
 OUTLET DIA: 2" NPT

I-004
 TREATED WATER BATCH STORAGE TANK
 TYPE: POLYETHYLENE PLAT BOTTOM
 CAPACITY: 100 GALLON
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 73.5x6.0(DIA-H)
 OUTLET DIA: 2" NPT

M-001
 MIXER
 TYPE: 304 STAINLESS STEEL
 CAPACITY: 1500 GALLON
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 73.5x6.0(DIA-H)
 OUTLET DIA: 2" NPT

P-001
 PRETREATMENT FEED PUMP
 TYPE: CENTRIFUGAL PUMP
 CAPACITY: 0.05-0.5 GPM
 SUPPLIER: COLE PARMER
 INLET DIA: 1-1/4" NPT
 OUTLET DIA: 1" NPT

P-002
 SLUDGE TRANSFER PUMP
 TYPE: CENTRIFUGAL PUMP
 CAPACITY: 10 GPM
 SUPPLIER: GRANGER
 INLET DIA: 1-1/4" NPT
 OUTLET DIA: 1" NPT

P-003A
 PRETREATED WATER PUMP
 TYPE: CENTRIFUGAL PUMP
 CAPACITY: 50 GPM
 SUPPLIER: GRANGER
 INLET DIA: 1-1/2" NPT
 OUTLET DIA: 1" NPT

P-004A
 1/2" CLEAR VINYL TUBING
 TYPE: DIGITAL METERS PUMP
 CAPACITY: 0.05-0.5 GPM
 SUPPLIER: COLE PARMER

SP-1 "INF"
SP-2 "PRE-A"
SP-3 "GAC-1A"
SP-4 "GAC-2A"
SP-5 "GAC-3A"
SP-6 "GAC-4A"

BF-01A/B
 BAG FILTERS
 TYPE: 25 MICRON
 CAPACITY: 100 GALLON
 SUPPLIER: GRANGER
 DIMENSION: 0.6x2.0(DIA-H)
 INLET DIA: 1-1/2" NPT
 OUTLET DIA: 1-1/2" NPT

GAC-1A
 GRANULAR ACTIVATED CARBON
 TYPE: CLEAR PVC
 DIA: 2 INCHES
 HEIGHT: 3.3 FT
 CAPACITY: 10 GPM
 EBCT: 5 MINUTES

GAC-2A
 GRANULAR ACTIVATED CARBON
 TYPE: CLEAR PVC
 DIA: 2 INCHES
 HEIGHT: 3.3 FT
 CAPACITY: 10 GPM
 EBCT: 5 MINUTES

GAC-3A
 GRANULAR ACTIVATED CARBON
 TYPE: CLEAR PVC
 DIA: 2 INCHES
 HEIGHT: 3.3 FT
 CAPACITY: 10 GPM
 EBCT: 5 MINUTES

GAC-4A
 GRANULAR ACTIVATED CARBON
 TYPE: CLEAR PVC
 DIA: 2 INCHES
 HEIGHT: 3.3 FT
 CAPACITY: 10 GPM
 EBCT: 5 MINUTES

GAC-5A
 GRANULAR ACTIVATED CARBON
 TYPE: CLEAR PVC
 DIA: 2 INCHES
 HEIGHT: 3.3 FT
 CAPACITY: 10 GPM
 EBCT: 5 MINUTES

BL-001
 OXIDATION BLOWER
 TYPE: GRANGER
 CAPACITY: 1-1/2" (FPM)
 SUPPLIER: GRANGER
 INLET DIA: 1-1/2" (FPM)
 OUTLET DIA: 1-1/2" (FPM)

TO D-002

FROM D-002

REV
 NO. DATE DESCRIPTION BY DATE CHECKED BY

DESIGNED BY: KCK
 DATE: 5/14/19
 CHECKED BY: THIS
 DATE: 5/14/19
 PROJECT NO.: 01050

PARSONS

PROJECT: OLD OUTFALL 002 PILOT STUDY
 ADDRESS: 22828 NC-87
 CITY: FAYETTEVILLE, NC 28306

PROCESS
 PILOT PLANT SCHEMATIC

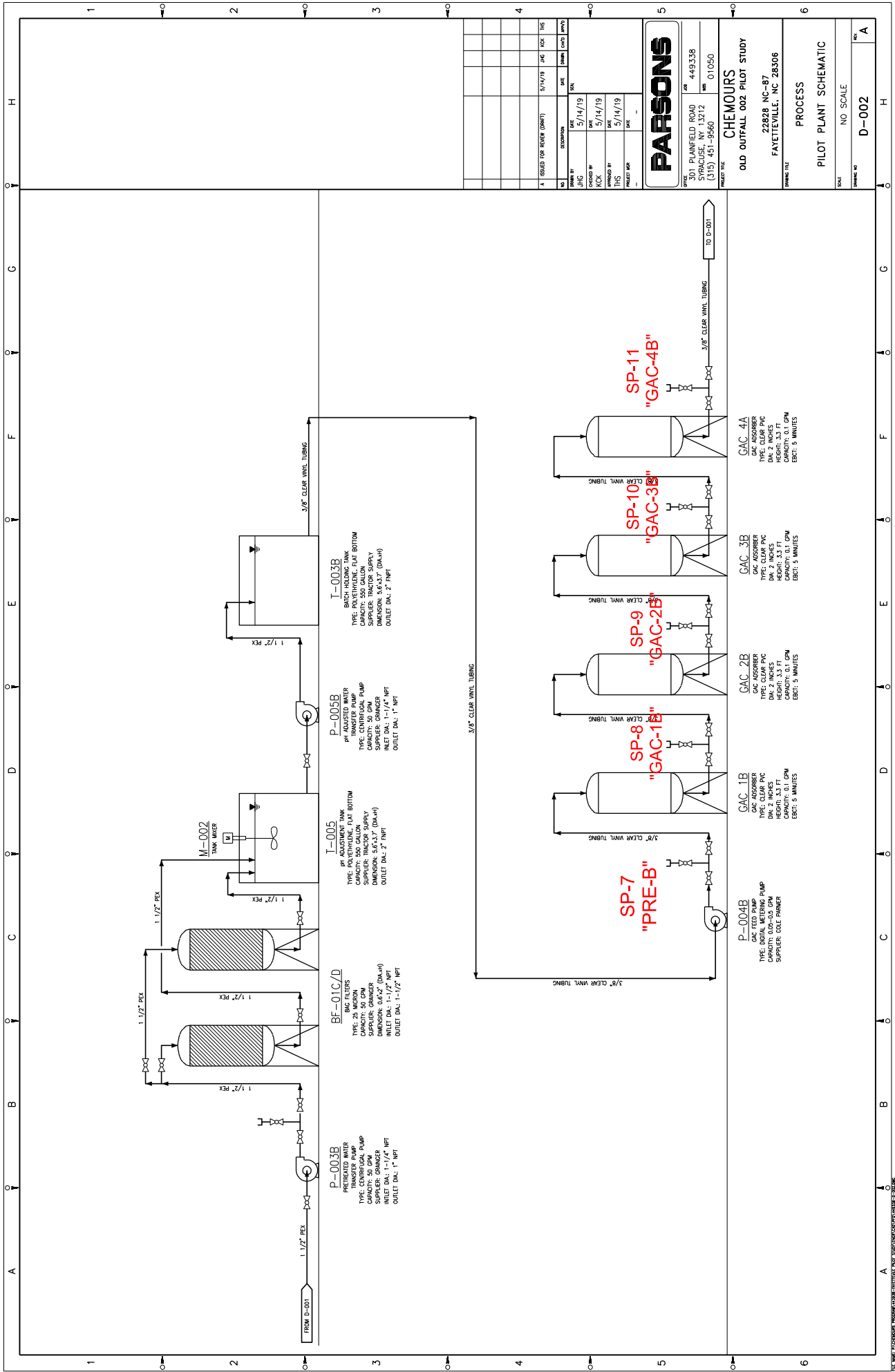
SCALE: NO SCALE

DRAWING NO: D-001

REV: A

DATE: 5/14/19

PROJECT: OLD OUTFALL 002 PILOT STUDY



P-003B
 PRETREATED WATER
 TRANSFER PUMP
 TYPE: CENTRIFUGAL PUMP
 CAPACITY: 50 GPM
 SUPPLIER: DRANGER
 INLET DIA: 1-1/4" NPT
 OUTLET DIA: 1" NPT

P-004B
 GAC FEED PUMP
 TYPE: DIGITAL METERING PUMP
 CAPACITY: 0.1 GPM
 SUPPLIER: OILEY TRONER

I-005
 pH ADJUSTMENT TANK
 TYPE: POLYETHYLENE FLAT BOTTOM
 CAPACITY: 500 GALLON
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 5.6x3.7' (DIAxH)
 OUTLET DIA: 2" FNPT

I-003B
 BATCH HOLDING TANK
 TYPE: POLYETHYLENE FLAT BOTTOM
 CAPACITY: 500 GALLON
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 5.6x3.7' (DIAxH)
 OUTLET DIA: 2" FNPT

P-005B
 pH ADJUSTED WATER
 TRANSFER PUMP
 TYPE: CENTRIFUGAL PUMP
 CAPACITY: 50 GPM
 SUPPLIER: DRANGER
 INLET DIA: 1-1/4" NPT
 OUTLET DIA: 1" NPT

BF-01C/D
 BAG FILTERS
 TYPE: 25 MICRON
 CAPACITY: 50 GPM
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 0.6x2' (DIAxH)
 INLET DIA: 1-1/2" NPT
 OUTLET DIA: 1-1/2" NPT

GAC-1B
 GAC ADSORBER
 TYPE: CLEAR PVC
 DIA: 2" INCHES
 HEIGHT: 3.0 FT
 CAPACITY: 0.1 GPM
 EBCT: 5 MINUTES

GAC-2B
 GAC ADSORBER
 TYPE: CLEAR PVC
 DIA: 2" INCHES
 HEIGHT: 3.0 FT
 CAPACITY: 0.1 GPM
 EBCT: 5 MINUTES

GAC-3B
 GAC ADSORBER
 TYPE: CLEAR PVC
 DIA: 2" INCHES
 HEIGHT: 3.0 FT
 CAPACITY: 0.1 GPM
 EBCT: 5 MINUTES

GAC-4A
 GAC ADSORBER
 TYPE: CLEAR PVC
 DIA: 2" INCHES
 HEIGHT: 3.0 FT
 CAPACITY: 0.1 GPM
 EBCT: 5 MINUTES

SP-7 "PRE-B"
 SP-8 "GAC-1B"
 SP-9 "GAC-2B"
 SP-10 "GAC-3B"
 SP-11 "GAC-4B"

P-004B
 GAC FEED PUMP
 TYPE: DIGITAL METERING PUMP
 CAPACITY: 0.1 GPM
 SUPPLIER: OILEY TRONER

I-005
 pH ADJUSTMENT TANK
 TYPE: POLYETHYLENE FLAT BOTTOM
 CAPACITY: 500 GALLON
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 5.6x3.7' (DIAxH)
 OUTLET DIA: 2" FNPT

I-003B
 BATCH HOLDING TANK
 TYPE: POLYETHYLENE FLAT BOTTOM
 CAPACITY: 500 GALLON
 SUPPLIER: TRACTOR SUPPLY
 DIMENSION: 5.6x3.7' (DIAxH)
 OUTLET DIA: 2" FNPT

NO.	DESCRIPTION	DATE	DESIGNER	CHECKED	APPROVED
1					
2					
3					
4	ISSUED FOR REVIEW (CONFT)	5/14/19	JAC	KCK	THIS

DATE	5/14/19
DESIGNED BY	KCK
CHECKED BY	THIS
APPROVED BY	
PROJECT NO.	

PROJECT NO.	22828 NC-87
PROJECT NAME	OLD OUTFALL 002 PILOT STUDY
PROJECT ADDRESS	FAYETTEVILLE, NC 28306
PROJECT PHONE	(315) 451-9660
PROJECT FAX	01050
PROJECT E-MAIL	

SCALE	NO SCALE
DRAWING NO.	D-002
REV.	A