

## **NRR-DMPSPEm Resource**

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**From:** Julie Crocker - NOAA Federal <julie.crocker@noaa.gov>  
**Sent:** Friday, April 5, 2019 9:15 AM  
**To:** Grange, Briana  
**Subject:** [External\_Sender] Fwd: IP2 and IP3 Ristroph Screen sampling schedule 2019  
**Attachments:** IP2 and IP3 Ristroph Screen sampling schedule 2019 draft2MWF.xlsx

----- Forwarded message -----

From: **Zoli, Elise N.** <[ezoli@jonesday.com](mailto:ezoli@jonesday.com)>  
Date: Fri, Dec 14, 2018 at 2:56 PM  
Subject: IP2 and IP3 Ristroph Screen sampling schedule 2019  
To: Julie Crocker ([julie.crocker@noaa.gov](mailto:julie.crocker@noaa.gov)) <[julie.crocker@noaa.gov](mailto:julie.crocker@noaa.gov)>, Julie Williams Esq. ([julie.williams@NOAA.gov](mailto:julie.williams@NOAA.gov)) <[julie.williams@noaa.gov](mailto:julie.williams@noaa.gov)>  
Cc: Gray, Dara F <[DGray@entergy.com](mailto:DGray@entergy.com)>

Dear Julie and Julie, as requested in your November 14, 2018 correspondence to my attention, attached is the proposed Indian Point, Unit 2 (sheet 1) and Unit 3 (sheet 2) sturgeon monitoring schedule for 2019. As a courtesy, contingency dates also shown and an explanation of start and stop times for each day included at line 33. As also reflected at line 33 in each sheet, we appreciate your recognition of our prior caveats regarding the performance of monitoring in any given day, including with respect to when Indian Point 3 emerges from its scheduled outage this spring. This submission obviates the need for the updates identified in our prior correspondence of September 24, 2018.

As always, please do not hesitate to let me know if you have any questions.

Have a good weekend and my best, Elise

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**Julie Crocker**  
Endangered Fish Branch Chief

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Protected Resources Division  
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**Hearing Identifier:** NRR\_DMPS  
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**Sent Date:** 4/5/2019 9:14:48 AM  
**Received Date:** 4/5/2019 9:17:00 AM  
**From:** Julie Crocker - NOAA Federal

**Created By:** julie.crocker@noaa.gov

**Recipients:**  
"Grange, Briana" <Briana.Grange@nrc.gov>  
Tracking Status: None

**Post Office:** mail.gmail.com

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>	
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## 2019 Indian Point Unit 2 Sturgeon Impingement sa

January							
Week	M	T	W	T	F	S	S
1		1	2	3	4	5	6
2	7	8	9	10	11	12	13
3	14	15	16	17	18	19	20
4	21	22	23	24	25	26	27
5	28	29	30	31			

April							
Week	M	T	W	T	F	S	S
14	1	2	3	4	5	6	7
15	8	9	10	11	12	13	14
16	15	16	17	18	19	20	21
17	22	23	24	25	26	27	28
18	29	30					

July						
Week	M	T	W	T	F	S
27	1	2	3	4	5	6
28	8	9	10	11	12	13
29	15	16	17	18	19	20
30	22	23	24	25	26	27
31	29	30	31			

February							
Week	M	T	W	T	F	S	S
5					1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28			

May							
Week	M	T	W	T	F	S	S
18			1	2	3	4	5
19	6	7	8	9	10	11	12
20	13	14	15	16	17	18	19
21	20	21	22	23	24	25	26
22	27	28	29	30	31		

August						
Week	M	T	W	T	F	S
31				1	2	3
32	5	6	7	8	9	10
33	12	13	14	15	16	17
34	19	20	21	22	23	24
35	26	27	28	29	30	31

March							
Week	M	T	W	T	F	S	S
9					1	2	3
10	4	5	6	7	8	9	10
11	11	12	13	14	15	16	17
12	18	19	20	21	22	23	24
13	25	26	27	28	29	30	31

June							
Week	M	T	W	T	F	S	S
22						1	2
23	3	4	5	6	7	8	9
24	10	11	12	13	14	15	16
25	17	18	19	20	21	22	23
26	24	25	26	27	28	29	30

September						
Week	M	T	W	T	F	S
35						
36	2	3	4	5	6	7
37	9	10	11	12	13	14
38	16	17	18	19	20	21
39	23	24	25	26	27	28
40	30					

- sampling days; total 50
- contingency days; total 4

Each shaded date represents planned sampling day which consists of one consecutive 24-hour period. This schedule provides 50 planned sampling days for Unit 2 during 2019. Outages, extreme weather may eliminate sampling on one or more planned sampling days. A contingency day will be selected if a sampling day cannot be completed.

## Sampling

		October						
S	Week	M	T	W	T	F	S	S
7	40		1	2	3	4	5	6
14	41	7	8	9	10	11	12	13
21	42	14	15	16	17	18	19	20
28	43	21	22	23	24	25	26	27
	44	28	29	30	31			

		November						
S	Week	M	T	W	T	F	S	S
4	44					1	2	3
11	45	4	5	6	7	8	9	10
18	46	11	12	13	14	15	16	17
25	47	18	19	20	21	22	23	24
	48	25	26	27	28	29	30	

		December						
S	Week	M	T	W	T	F	S	S
1	48							1
8	49	2	3	4	5	6	7	8
15	50	9	10	11	12	13	14	15
22	51	16	17	18	19	20	21	22
29	52	23	24	25	26	27	28	29
	53	30	31					

iod starting at 0800 and ending at 0759.  
 or conditions, or plant operating conditions  
 for sampling if a planned sampling day

## 2019 Indian Point Unit 3 Sturgeon Impingement sar

January							
Week	M	T	W	T	F	S	S
1		1	2	3	4	5	6
2	7	8	9	10	11	12	13
3	14	15	16	17	18	19	20
4	21	22	23	24	25	26	27
5	28	29	30	31			

April							
Week	M	T	W	T	F	S	S
14	1	2	3	4	5	6	7
15	8	9	10	11	12	13	14
16	15	16	17	18	19	20	21
17	22	23	24	25	26	27	28
18	29	30					

July						
Week	M	T	W	T	F	S
27	1	2	3	4	5	6
28	8	9	10	11	12	13
29	15	16	17	18	19	20
30	22	23	24	25	26	27
31	29	30	31			

February							
Week	M	T	W	T	F	S	S
5					1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28			

May							
Week	M	T	W	T	F	S	S
18			1	2	3	4	5
19	6	7	8	9	10	11	12
20	13	14	15	16	17	18	19
21	20	21	22	23	24	25	26
22	27	28	29	30	31		

August						
Week	M	T	W	T	F	S
31				1	2	3
32	5	6	7	8	9	10
33	12	13	14	15	16	17
34	19	20	21	22	23	24
35	26	27	28	29	30	31

March							
Week	M	T	W	T	F	S	S
9					1	2	3
10	4	5	6	7	8	9	10
11	11	12	13	14	15	16	17
12	18	19	20	21	22	23	24
13	25	26	27	28	29	30	31

June							
Week	M	T	W	T	F	S	S
22						1	2
23	3	4	5	6	7	8	9
24	10	11	12	13	14	15	16
25	17	18	19	20	21	22	23
26	24	25	26	27	28	29	30

September						
Week	M	T	W	T	F	S
35						
36	2	3	4	5	6	7
37	9	10	11	12	13	14
38	16	17	18	19	20	21
39	23	24	25	26	27	28
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## Sampling

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S	Week	M	T	W	T	F	S	S
7	40		1	2	3	4	5	6
14	41	7	8	9	10	11	12	13
21	42	14	15	16	17	18	19	20
28	43	21	22	23	24	25	26	27
	44	28	29	30	31			

		November						
S	Week	M	T	W	T	F	S	S
4	44					1	2	3
11	45	4	5	6	7	8	9	10
18	46	11	12	13	14	15	16	17
25	47	18	19	20	21	22	23	24
	48	25	26	27	28	29	30	

		December						
S	Week	M	T	W	T	F	S	S
1	48							1
8	49	2	3	4	5	6	7	8
15	50	9	10	11	12	13	14	15
22	51	16	17	18	19	20	21	22
29	52	23	24	25	26	27	28	29
	53	30	31					

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 npling if a planned sampling day cannot be