

| Date: | 7/5/17 | Rain event date (if applicable): | | | | |
|-------------------|-------------------|--|--------------|----------------------|----------------------|------------------|
| Collected by: | TG | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | 11:55 | N/A/ISCO | 95 / 5980g | | Error - no water |
| BC 5 | Spring | 11:25 | Grab | | | |
| BC 6 | Upstream | 12:15 | Grab | | | |
| BC 7 | Downstream 1 | 11:05 | Grab/ISCO | ? / ? | | Error |
| BC 9 | Left Fork | 10:55 | Grab | | | |
| W1 | House well | | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where | | | | |
| | BC8 | Dry Creek flows into Big Creek | | | | |
| | T1 | South pipe of the lagoon trench, by the game camera | | | | |

W1) EC: 417
PH: 7.36

BC6) EC: ~~75~~ 109
PH: 7.58

BC9) EC: 215
PH: 7.81

BC5) EC: 438
PH: 7.03

BC7) EC: 163
PH: 7.69

| Date: | | 7/11/2017 | | Rain event date (if applicable): | | |
|-------------------|-------------------|---|--------------|----------------------------------|----------------------|-------|
| Collected by: | | JB + TG | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC1 | Field 1 | | | | | DRY |
| BC2 | Field 5a | | | | | |
| BC3 | Field 12 | | | | | |
| BC4 | Culvert | | | | | |
| BC5 | Spring | 10:40 | Grab | | | |
| BC6 | Upstream | 11:23 | Grab | | | |
| BC7 | Downstream 1 | 10:26 | Grab | | | |
| BC9 | Left Fork | 10:17 | Grab | | | |
| W1 | House well | 10:50 | Grab | | | |
| IX | Trench, south end | | | | | |
| IX | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the game camera | | | | |
| | T1 | | | | | |

| | <u>PH</u> | <u>Temp. C°</u> | <u>EC</u> |
|-------|-----------|-----------------|--------------------|
| • BC9 | 7.99 | 24.1° | 214 |
| • BC7 | 7.75 | 23.9° | 178 |
| • BC5 | 7.13 | 20.5° | 521 |
| • W1 | 7.61 | 23.3° | 389 389 |
| • BC6 | 8.17 | 24.4° | 113 |

| Date: | | 7/19/2017 | | Rain event date (if applicable): | | |
|-------------------|-------------------|---|--------------|----------------------------------|----------------------|-------|
| Collected by: | | TG JB | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | 10:51 | Grab | | | |
| BC 6 | Upstream | 12:04 | Grab | | | |
| BC 7 | Downstream 1 | 10:26 | Grab | | | |
| BC 9 | Left Fork | 10:12 | Grab | | | |
| W1 | House well | 11:40 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the game camera | | | | |
| | T1 | | | | | |

| | pH | Temp. C° | EC |
|-------|------|----------|-----|
| • BC9 | 8.01 | 25.2° | 251 |
| • BC7 | 7.79 | 23.3° | 225 |
| • BC5 | 7.05 | 22.2° | 567 |
| • W1 | 7.45 | 24.0° | 430 |
| • BC6 | 8.37 | 27.3° | 174 |

* Sonde Unit
 redeployed
 @ 10:30 am CST
 BC7

| Date: | 7/26/2017 | Rain event date (if applicable): | | | | |
|-------------------|-------------------|---|--------------|----------------------|----------------------|-------|
| Collected by: | JR | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC1 | Field 1 | | | | | Dry |
| BC2 | Field 5a | | | | | |
| BC3 | Field 12 | | | | | |
| BC4 | Culvert | | | | | |
| BC5 | Spring | 7:28 | Grab | | | |
| BC6 | Upstream | 8:08 | Grab | | | |
| BC7 | Downstream 1 | 7:05 | Grab | | | |
| BC9 | Left Fork | 6:51 | Grab | | | |
| W1 | House well | 7:44 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the | | | | |
| | T1 | game camera | | | | |

| | <u>pH</u> | <u>Temp. C°</u> | <u>EC</u> |
|-------|-----------|-----------------|-----------|
| • BC9 | 7.55 | 24.8° | 253 |
| • BC7 | 7.32 | 21.7° | 224 |
| • BC5 | 6.84 | 18.3° | 559 |
| • W1 | 7.34 | 19.2° | 402 |
| • BC6 | 7.80 | 23.1° | 193 |

| Date: | 8/3/17 | Rain event date (if applicable): | | | | |
|-------------------|-------------------|--|--------------|----------------------|----------------------|-------------------------------|
| Collected by: | TG | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | N/A | ISCO | N/A | 8/1/12 | Enabled, but no sample/errors |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Galvert | | | | | |
| BC 5 | Spring | 11:52 | | | | |
| BC 6 | Upstream | 12:32 | | | | |
| BC 7 | Downstream 1 | 11:25 | G + I | 14s / 1.782 Mgal | 8/2 | |
| BC 9 | Left Fork | 11:12 | Grab | | | |
| W1 | House well | 12:09 | | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where | | | | |
| | BC8 | Dry Creek flows into Big Creek | | | | |
| | T1 | South pipe of the lagoon trench, by the game camera | | | | |

| Site | pH | Temp | EC |
|-------|------|------|--------------------|
| ◦ W1 | 7.75 | 10.0 | 419 |
| ◦ BC5 | 7.37 | 8.3 | 539 539 |
| ◦ BC6 | 7.86 | 7.7 | 206 |
| ◦ BC7 | 7.94 | 8.4 | 231 |
| ◦ BC9 | 8.00 | 9.6 | 261 |

| | | | | | | |
|-------------------|-------------------|---|----------------------------------|----------------------|----------------------|-------|
| Date: | 8/9/17 | | Rain event date (if applicable): | 8/6/17 | | |
| Collected by: | TG | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | 11:56 | Grab | | | |
| BC 6 | Upstream | 12:36 | Grab | | | |
| BC 7 | Downstream 1 | 11:29 | Grab | | | |
| BC 9 | Left Fork | 11:11 | Grab | | | |
| W1 | House well | 12:10 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the game camera | | | | |
| | T1 | | | | | |

| Site | pH | *Temp | EC |
|-------|------|-------|-----|
| o W1 | 7.75 | 11.7 | 419 |
| o BC5 | 7.41 | 10.4 | 518 |
| o BC6 | 7.97 | 9.4 | 206 |
| o BC7 | 7.85 | 8.9 | 246 |
| o BC9 | 7.93 | 9.2 | 301 |

* Temps taken in lab

| Date: | 8/16/2007 | Rain event date (if applicable): | | | | |
|-------------------|-------------------|---|--------------|----------------------|----------------------|------------------|
| Collected by: | JB | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | 7:04 | Grab | | | |
| BC 6 | Upstream | 7:58 | Grab | | | |
| BC 7 | Downstream 1 | 6:47 | Grab | | | |
| BC 9 | Left Fork | 6:29 | Grab | | | |
| W1 | House well | 7:24 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | 2 s/129.6 sL | | No Sample in Jar |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the | | | | |
| | T1 | game camera | | | | |

| | <u>pH</u> | <u>Temp. (C°)</u> | <u>EC</u> |
|--------------|-----------|-------------------|-----------|
| • <u>BC9</u> | 7.54 | 23.2 | 301 |
| • <u>BC7</u> | 7.55 | 21.4 | 201 |
| • <u>BC5</u> | 7.53 | 17.3 | 430 |
| • <u>W1</u> | 8.00 | 18.9 | 413 |
| • <u>BC6</u> | 7.36 | 22.6 | 163 |

| Date: | 8/24/17 | | Rain event date (if applicable): | | | |
|-------------------|-------------------|---|----------------------------------|----------------------|----------------------|----------------|
| Collected by: | TW | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | Stagnant water |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | 11:58 | Grab | | | |
| BC 6 | Upstream | 12:38 | Grab | | | |
| BC 7 | Downstream 1 | 11:23 | Grab/ISCO | s / 153600 | | |
| BC 9 | Left Fork | 11:11 | Grab | | | |
| W1 | House well | 12:15 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the | | | | |
| | T1 | game camera | | | | |

| Site | pH | Temp | EC | EC Temp |
|-------|------|------|-----|---------|
| o W1 | 7.80 | 18.2 | 314 | 19.5 |
| o BC5 | 7.20 | 17.5 | 459 | 19.7 |
| o BC6 | 8.10 | 15.5 | 133 | 19.3 |
| o BC7 | 7.86 | 15.0 | 161 | 19.6 |
| o BC9 | 7.98 | 17.7 | 169 | 19.5 |

| Date: | 8/31/17 | Rain event date (if applicable): | | | | |
|-------------------|-------------------|---|--------------|----------------------|----------------------|-------|
| Collected by: | TG | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BE1 | Field 1 | | | | | |
| BC2 | Field 5a | | | | | |
| BC3 | Field 12 | | | | | |
| BE1 | Culvert | | | | | |
| BC5 | Spring | 11:28 | Grab | | | |
| BC6 | Upstream | 11:55 | Grab | | | |
| BC7 | Downstream 1 | 11:18 | Grab | | | |
| BC9 | Left Fork | 11:00 | Grab | | | |
| W1 | House well | 11:41 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the game camera | | | | |
| | T1 | | | | | |

| Site | pH | Temp | EC |
|------------------|------|------|-----|
| o W1 | 7.75 | 12.9 | 419 |
| o BC4 | N/A | N/A | N/A |
| o BC5 | 7.50 | 12.3 | 560 |
| o BC6 | 8.24 | 12.3 | 161 |
| o BC7 | 7.97 | 10.4 | 213 |
| o BC9 | 8.01 | 10.7 | 224 |

* Temp + EC taken in Lab 9/1/17

| Date: | | 9/6/2017 | | Rain event date (if applicable): | | |
|-------------------|-------------------|----------|--------------|----------------------------------|----------------------|--|
| Collected by: | | JB | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | Dry |
| BC 5 | Spring | 8:41 | Grab | | | |
| BC 6 | Upstream | 9:20 | Grab | | | |
| BC 7 | Downstream 1 | 8:22 | Grab | | | |
| BC 9 | Left Fork | 8:06 | Grab | | | |
| W1 | House well | 8:57 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | | | | | BC6 | furthest upstream off NCR 6310 |
| | | | | | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where |
| | | | | | BC8 | Dry Creek flows into Big Creek |
| | | | | | T1 | South pipe of the lagoon trench, by the game camera |

| | <u>pH</u> | <u>Temp. (C°)</u> | <u>EC</u> |
|-------|-----------|-------------------|-----------|
| • BC9 | 7.97 | 18.4 | 239 |
| • BC7 | 7.72 | 17.4 | 214 |
| • BC5 | 7.14 | 17.4 | 570 |
| • W1 | 7.54 | 17.1 | 436 |
| • BC6 | 7.99 | 18.5 | 184 |

* EC taken in lab 9/11/17

| Date: | | 9/13/2017 | | Rain event date (if applicable): | | |
|-------------------|-------------------|--|--------------|----------------------------------|----------------------|-------|
| Collected by: | | JB | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | 10:02 | Grab | | | |
| BC 6 | Upstream | 10:30 | Grab | | | |
| BC 7 | Downstream 1 | 9:46 | Grab | | | |
| BC 9 | Left Fork | 9:36 | Grab | | | |
| W1 | House well | 10:15 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where | | | | |
| | BC8 | Dry Creek flows into Big Creek | | | | |
| | T1 | South pipe of the lagoon trench, by the game camera | | | | |

| | <u>pH</u> | <u>Temp. (C°)</u> | <u>EC</u> | <u>Temp. (C°)</u> |
|-------|-----------|-------------------|-----------|-------------------|
| • BC5 | 6.99 | 15.8 | 317.0 | 17.0 |
| • BC6 | 7.87 | 13.7 | 194.0 | 16.4 |
| • BC7 | 7.69 | 11.4 | 251.0 | 14.7 |
| • BC9 | 7.86 | 11.4 | 254.0 | 14.9 |
| • W1 | 7.57 | 11.9 | 426.0 | 15.1 |

| Date: | | 9/21/2017 | | Rain event date (if applicable): | | |
|-------------------|-------------------|--|-----------------|----------------------------------|----------------------|--------------------|
| Collected by: | | JB/TG | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | 10:50 | Grab | | | No Flow No Flow |
| BC 6 | Upstream | | | | | |
| BC 7 | Downstream 1 | 10:50 | Grab | | | |
| BC 9 | Left Fork | 10:34 | Grab | | | |
| W1 | House well | 11:25 | Grab | | | |
| T1 | Trench, south end | | | | | |
| T2 | Trench, north end | | | | | |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where | | | | |
| | BC8 | Dry Creek flows into Big Creek | | | | |
| | T1 | South pipe of the lagoon trench, by the game camera | | | | |

| | <u>pH</u> | <u>Temp. C°</u> | <u>EC</u> | <u>Temp. C°</u> |
|------------------|-----------|-----------------|-----------|-----------------|
| • BC9 | 7.52 | 24.4 | 276 | 25.4 |
| • BC7 | 7.53 | 23.0 | 282 | 23.4 |
| • BC5 | | | | |
| • W1 | 7.38 | 21.7 | 440 | 22.4 |

| Date: | 9-28-17 | Rain event date (if applicable): | N/A | | | |
|--------------------------|-------------------|---|--------------|----------------------|----------------------|-------------------|
| Collected by: | TG | | | | | |
| ID | Description | Time: | ISCO or Grab | # of samples/gallons | ISCO collection date | Notes |
| BC 1 | Field 1 | | | | | |
| BC 2 | Field 5a | | | | | |
| BC 3 | Field 12 | | | | | |
| BC 4 | Culvert | | | | | |
| BC 5 | Spring | N/A | | | | |
| BC 6 | Upstream | N/A | | | | Stagnant, no flow |
| BC 7 | Downstream 1 | 11:29 | Grab | | | Stagnant, no flow |
| BC 9 | Left Fork | 11:17 | Grab | | | |
| W1 | House well | 11:45 | Grab | | | |
| T1 | French, south end | | | | | Dry |
| T2 | French, north end | | | | | Dry |
| Site Descriptions | | | | | | |
| | BC6 | furthest upstream off NCR 6310 | | | | |
| | BC7 | furthest downstream where NCR 6330 crosses big creek, upstream of crossing bridge on NCR 6310 just upstream of where Dry Creek flows into Big Creek | | | | |
| | BC8 | South pipe of the lagoon trench, by the game camera | | | | |
| | T1 | | | | | |

| Site | PH | EC | Temp * |
|------|------|-----|---------|
| BC9 | 7.81 | 275 | 16.8 °C |
| BC7 | 7.76 | 281 | 15.0 °C |
| BC5 | N/A | N/A | N/A |
| BC6 | N/A | N/A | N/A |
| W1 | 7.52 | 442 | 15.3 °C |

* Temps taken in lab, not in field