

**Sample Description:**

**Date:**

**Location:**

**BART Type:**

**ALGE**

Dark Green  
(Micro Algae)

Time Lag (days)	4	6	8	10	13	15	18	20	24	25
Approx. Population	100,000	34,000	20,000	7500	2400	1100	800	600	100	n/a
Reaction Code										

**APB**

Purple  
(Acid Producing Bacteria)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	800,000	70,000	9000	1500	500	150	n/a	n/a	n/a	n/a
Reaction Code										

**DN**

Gray  
(Denitrifying Bacteria)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	1,000,000	200,000	50,000	10,000	n/a	n/a	n/a	n/a	n/a	n/a
Reaction Code										

**FLOR**

Yellow  
(Flouescent Psuedomonads)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	7,000,000	400,000	90,000	7500	1500	500	300	100	n/a	n/a
Reaction Code										

**HAB**

Blue  
(Heterotrophic Aerobic Bacteria)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	7,000,000	500,000	50,000	7000	n/a	n/a	n/a	n/a	n/a	n/a
Reaction Code										

**IRB**

Red  
(Iron Related Bacteria)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	570,000	140,000	35,000	9000	2300	500	150	25	n/a	n/a
Reaction Code										

**N** (Nitrifying Bacteria)

White

Coloration	Red	Dark Pink	Light Pink	Clear
Approx. Population	100,000	10,000	1000	n/a

**SLYM**

Green  
(Slime Forming Bacteria)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	1,700,000	350,000	66,500	12,500	2600	500	n/a	n/a	n/a	n/a
Reaction Code										

**SRB**

Black  
(Sulfate Reducing Bacteria)

Time Lag (days)	1	2	3	4	5	6	7	8	9	10
Approx. Population	2,200,000	700,000	115,000	18,000	5,000	1200	450	200	n/a	n/a
Reaction Code										

Aggressivity:	High	Medium	Low
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**Reaction Code Summary: ALGE**

- GG - Green Growth
- FG - Fuzzy Green
- OB - Red, Orange, or Brown Patches
- YB - Light Yello to Beige
- GF - Green Floating Deposits
- DG - Dark-Green, Blue-Green

**APB**  
Purple

**DN**

FO - Foam Around Ball

**FLOR**

- PB - Pale Blue Glowing
- GY - Greenish-Yellow Glowing
- CL - Cloudiness

**HAB**

- UP - Up
- DO - Down

**IRB**

- FO - Foam
- BR - Brown Ring
- BG - Brown Gel
- BC - Brown Clouds
- GC - Green Cloudy
- RC - Red Cloudy
- CL - Cloudy
- BL - Black

**SLYM**

- DS - Dense Slime
- SR - Slime Ring
- CL - Cloudy
- CP - Cloudy Layered Plates
- PB - Pale Blue Glowing
- BL - Blackened Liquid
- TH - Thread Like Strands

**SRB**

- BB - Black Base
- BT - Black Ball/Top
- BT/BB - Black Top & Base
- Cloudy
- \*n/a - Not Aggressive