

Segment ID: 1007

Water body name: Houston Ship Channel/Buffalo Bayou Tidal

| Tidal Stream            |                               | San Jacinto River Basin          |                                          | Total size:   |              | 34.5 Miles       |      |
|-------------------------|-------------------------------|----------------------------------|------------------------------------------|---------------|--------------|------------------|------|
| Assessment Year         | Assessment Method             | Status of Use Support or Concern | Location                                 | Location size | # of samples | # of exceedances | Mean |
| <b>Aquatic Life Use</b> |                               |                                  |                                          |               |              |                  |      |
| 2002                    | Dissolved Oxygen grab average | No Concern                       | Berry Bayou Tidal                        | 1.5           | 46           | 0                |      |
| 2002                    | Dissolved Oxygen grab average | No Concern                       | Brays Bayou Tidal                        | 8.5           | 24           | 0                |      |
| 2002                    | Dissolved Oxygen grab average | No Concern                       | Houston Ship Channel/Buffalo Bayou Tidal | 14            | 94           | 4                |      |
| 2002                    | Dissolved Oxygen grab average | Not Assessed                     | Hunting Bayou Tidal                      | 3.9           | 8            | 0                |      |
| 2002                    | Dissolved Oxygen grab average | No Concern                       | Sims Bayou Tidal                         | 6             | 36           | 0                |      |
| 2002                    | Dissolved Oxygen grab average | No Concern                       | Vince Bayou Tidal                        | 0.6           | 29           | 1                |      |
| 2002                    | Dissolved Oxygen grab minimum | Fully Supporting                 | Berry Bayou Tidal                        | 1.5           | 46           | 0                |      |
| 2002                    | Dissolved Oxygen grab minimum | Fully Supporting                 | Brays Bayou Tidal                        | 8.5           | 24           | 0                |      |
| 2002                    | Dissolved Oxygen grab minimum | Fully Supporting                 | Houston Ship Channel/Buffalo Bayou Tidal | 14            | 94           | 4                |      |
| 2002                    | Dissolved Oxygen grab minimum | No Concern-Limited Data          | Hunting Bayou Tidal                      | 3.9           | 8            | 0                |      |
| 2002                    | Dissolved Oxygen grab minimum | Fully Supporting                 | Sims Bayou Tidal                         | 6             | 36           | 0                |      |
| 2002                    | Dissolved Oxygen grab minimum | Fully Supporting                 | Vince Bayou Tidal                        | 0.6           | 29           | 1                |      |
| 2002                    | Dissolved Oxygen 24hr average | Not Assessed                     | Berry Bayou Tidal                        | 1.5           | 0            |                  |      |
| 2002                    | Dissolved Oxygen 24hr average | Not Assessed                     | Brays Bayou Tidal                        | 8.5           | 2            | 0                |      |
| 2002                    | Dissolved Oxygen 24hr average | Not Assess-Not Represent         | Houston Ship Channel/Buffalo Bayou Tidal | 14            | 6            | 0                |      |
| 2002                    | Dissolved Oxygen 24hr average | Not Assessed                     | Hunting Bayou Tidal                      | 3.9           | 0            |                  |      |
| 2002                    | Dissolved Oxygen 24hr average | Not Assessed                     | Sims Bayou Tidal                         | 6             | 0            |                  |      |
| 2002                    | Dissolved Oxygen 24hr average | Not Assess-Not Represent         | Vince Bayou Tidal                        | 0.6           | 5            | 0                |      |
| 2002                    | Dissolved Oxygen 24hr minimum | Not Assessed                     | Berry Bayou Tidal                        | 1.5           | 0            |                  |      |
| 2002                    | Dissolved Oxygen 24hr minimum | Not Assessed                     | Brays Bayou Tidal                        | 8.5           | 2            | 0                |      |
| 2002                    | Dissolved Oxygen 24hr minimum | Not Assess-Not Represent         | Houston Ship Channel/Buffalo Bayou Tidal | 14            | 6            | 0                |      |
| 2002                    | Dissolved Oxygen 24hr minimum | Not Assessed                     | Hunting Bayou Tidal                      | 3.9           | 0            |                  |      |

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

34.5

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Aquatic Life Use** (continued)

|      |                                  |                          |                                          |     |    |   |  |
|------|----------------------------------|--------------------------|------------------------------------------|-----|----|---|--|
| 2002 | Dissolved Oxygen 24hr minimum    | Not Assessed             | Sims Bayou Tidal                         | 6   | 0  |   |  |
| 2002 | Dissolved Oxygen 24hr minimum    | Not Assess-Not Represent | Vince Bayou Tidal                        | 0.6 | 5  | 2 |  |
| 2002 | Acute Metals in water            | Fully Supporting         | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 20 | 0 |  |
| 2002 | Acute Metals in water            | Fully Supporting         | Vince Bayou Tidal                        | 0.6 | 14 | 0 |  |
| 2002 | Chronic Metals in water          | Fully Supporting         | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 20 |   |  |
| 2002 | Chronic Metals in water          | Fully Supporting         | Vince Bayou Tidal                        | 0.6 | 14 |   |  |
| 2002 | Acute Toxicity tests in sediment | Partially Supporting     | Vince Bayou Tidal                        | 0.6 | 20 | 7 |  |
| 2002 | Overall Aquatic Life Use         | Fully Supporting         | Berry Bayou Tidal                        | 1.5 |    |   |  |
| 2002 | Overall Aquatic Life Use         | Fully Supporting         | Brays Bayou Tidal                        | 8.5 |    |   |  |
| 2002 | Overall Aquatic Life Use         | Fully Supporting         | Houston Ship Channel/Buffalo Bayou Tidal | 14  |    |   |  |
| 2002 | Overall Aquatic Life Use         | Not Assessed             | Hunting Bayou Tidal                      | 3.9 |    |   |  |
| 2002 | Overall Aquatic Life Use         | Fully Supporting         | Sims Bayou Tidal                         | 6   |    |   |  |
| 2002 | Overall Aquatic Life Use         | Partially Supporting     | Vince Bayou Tidal                        | 0.6 |    |   |  |

**General Use**

|      |                   |                          |                                          |     |     |   |  |
|------|-------------------|--------------------------|------------------------------------------|-----|-----|---|--|
| 2002 | Water Temperature | Fully Supporting         | Berry Bayou Tidal                        | 1.5 | 46  | 0 |  |
| 2002 | Water Temperature | Fully Supporting         | Brays Bayou Tidal                        | 8.5 | 24  | 0 |  |
| 2002 | Water Temperature | Fully Supporting         | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 124 | 0 |  |
| 2002 | Water Temperature | No Concern-Limited Data  | Hunting Bayou Tidal                      | 3.9 | 8   | 0 |  |
| 2002 | Water Temperature | Fully Supporting         | Sims Bayou Tidal                         | 6   | 36  | 0 |  |
| 2002 | Water Temperature | Fully Supporting         | Vince Bayou Tidal                        | 0.6 | 30  | 0 |  |
| 2002 | pH                | Not Assess-Not Represent | Berry Bayou Tidal                        | 1.5 | 9   | 1 |  |

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

34.5

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**General Use** (continued)

|      |                                         |                          |                                          |     |     |   |         |
|------|-----------------------------------------|--------------------------|------------------------------------------|-----|-----|---|---------|
| 2002 | pH                                      | Fully Supporting         | Brays Bayou Tidal                        | 8.5 | 24  | 0 |         |
| 2002 | pH                                      | Fully Supporting         | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 123 | 0 |         |
| 2002 | pH                                      | Use Concern-Limited Data | Hunting Bayou Tidal                      | 3.9 | 8   | 1 |         |
| 2002 | pH                                      | Fully Supporting         | Sims Bayou Tidal                         | 6   | 36  | 0 |         |
| 2002 | pH                                      | Fully Supporting         | Vince Bayou Tidal                        | 0.6 | 30  | 1 |         |
| 2002 | Enterococci (1006, 1007) single sample  | Not Assessed             | Brays Bayou Tidal                        | 8.5 | 2   | 0 |         |
| 2002 | Enterococci (1006, 1007) single sample  | Not Assessed             | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 2   | 2 |         |
| 2002 | Enterococci (1006, 1007) single sample  | Not Assessed             | Hunting Bayou Tidal                      | 3.9 | 0   |   |         |
| 2002 | Enterococci (1006, 1007) single sample  | Not Assessed             | Sims Bayou Tidal                         | 6   | 0   |   |         |
| 2002 | Enterococci (1006, 1007) single sample  | Not Assessed             | Vince Bayou Tidal                        | 0.6 | 3   | 1 |         |
| 2002 | Enterococci (1006, 1007) geometric mean | Not Assessed             | Brays Bayou Tidal                        | 8.5 | 2   |   | 7       |
| 2002 | Enterococci (1006, 1007) geometric mean | Not Assessed             | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 2   |   | 1,556.8 |
| 2002 | Enterococci (1006, 1007) geometric mean | Not Assessed             | Hunting Bayou Tidal                      | 3.9 | 0   |   |         |
| 2002 | Enterococci (1006, 1007) geometric mean | Not Assessed             | Sims Bayou Tidal                         | 6   | 0   |   |         |
| 2002 | Enterococci (1006, 1007) geometric mean | Not Assessed             | Vince Bayou Tidal                        | 0.6 | 3   |   | 138.5   |
| 2002 | Overall General Use                     | Fully Supporting         | Berry Bayou Tidal                        | 1.5 |     |   |         |
| 2002 | Overall General Use                     | Fully Supporting         | Brays Bayou Tidal                        | 8.5 |     |   |         |

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

34.5

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**General Use** (continued)

|      |                     |                  |                                          |     |  |  |  |
|------|---------------------|------------------|------------------------------------------|-----|--|--|--|
| 2002 | Overall General Use | Fully Supporting | Houston Ship Channel/Buffalo Bayou Tidal | 14  |  |  |  |
| 2002 | Overall General Use | Not Assessed     | Hunting Bayou Tidal                      | 3.9 |  |  |  |
| 2002 | Overall General Use | Fully Supporting | Sims Bayou Tidal                         | 6   |  |  |  |
| 2002 | Overall General Use | Fully Supporting | Vince Bayou Tidal                        | 0.6 |  |  |  |

**Fish Consumption Use**

|      |                                                   |                  |                                          |     |    |  |  |
|------|---------------------------------------------------|------------------|------------------------------------------|-----|----|--|--|
| 2002 | Advisories and Closures Restricted and No-Consump | Not Supporting   | Berry Bayou Tidal                        | 1.5 |    |  |  |
| 2002 | Advisories and Closures Restricted and No-Consump | Not Supporting   | Brays Bayou Tidal                        | 8.5 |    |  |  |
| 2002 | Advisories and Closures Restricted and No-Consump | Not Supporting   | Houston Ship Channel/Buffalo Bayou Tidal | 14  |    |  |  |
| 2002 | Advisories and Closures Restricted and No-Consump | Not Supporting   | Hunting Bayou Tidal                      | 3.9 |    |  |  |
| 2002 | Advisories and Closures Restricted and No-Consump | Not Supporting   | Sims Bayou Tidal                         | 6   |    |  |  |
| 2002 | Advisories and Closures Restricted and No-Consump | Not Supporting   | Vince Bayou Tidal                        | 0.6 |    |  |  |
| 2002 | Human Health Criteria Metals                      | Fully Supporting | Vince Bayou Tidal                        | 0.6 | 14 |  |  |
| 2002 | Overall Fish Consumption Use                      | Not Supporting   | Berry Bayou Tidal                        | 1.5 |    |  |  |
| 2002 | Overall Fish Consumption Use                      | Not Supporting   | Brays Bayou Tidal                        | 8.5 |    |  |  |
| 2002 | Overall Fish Consumption Use                      | Not Supporting   | Houston Ship Channel/Buffalo Bayou Tidal | 14  |    |  |  |
| 2002 | Overall Fish Consumption Use                      | Not Supporting   | Hunting Bayou Tidal                      | 3.9 |    |  |  |
| 2002 | Overall Fish Consumption Use                      | Not Supporting   | Sims Bayou Tidal                         | 6   |    |  |  |
| 2002 | Overall Fish Consumption Use                      | Not Supporting   | Vince Bayou Tidal                        | 0.6 |    |  |  |

**Overall Use Support**

|      |  |                |                   |     |  |  |  |
|------|--|----------------|-------------------|-----|--|--|--|
| 2002 |  | Not Supporting | Berry Bayou Tidal | 1.5 |  |  |  |
|------|--|----------------|-------------------|-----|--|--|--|

**Segment ID:** 1007**Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

| Tidal Stream    |                   | San Jacinto River Basin          |          | Total size:   | 34.5         | Miles            |      |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |

**Overall Use Support** (continued)

|      |  |                |                                          |     |  |  |  |
|------|--|----------------|------------------------------------------|-----|--|--|--|
| 2002 |  | Not Supporting | Brays Bayou Tidal                        | 8.5 |  |  |  |
| 2002 |  | Not Supporting | Houston Ship Channel/Buffalo Bayou Tidal | 14  |  |  |  |
| 2002 |  | Not Supporting | Hunting Bayou Tidal                      | 3.9 |  |  |  |
| 2002 |  | Not Supporting | Sims Bayou Tidal                         | 6   |  |  |  |
| 2002 |  | Not Supporting | Vince Bayou Tidal                        | 0.6 |  |  |  |

**Nutrient Enrichment Concern**

|      |                            |              |                                          |     |     |    |  |
|------|----------------------------|--------------|------------------------------------------|-----|-----|----|--|
| 2002 | Ammonia Nitrogen           | No Concern   | Berry Bayou Tidal                        | 1.5 | 49  | 7  |  |
| 2002 | Ammonia Nitrogen           | Concern      | Brays Bayou Tidal                        | 8.5 | 65  | 30 |  |
| 2002 | Ammonia Nitrogen           | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 170 | 50 |  |
| 2002 | Ammonia Nitrogen           | No Concern   | Hunting Bayou Tidal                      | 3.9 | 29  | 3  |  |
| 2002 | Ammonia Nitrogen           | Concern      | Sims Bayou Tidal                         | 6   | 78  | 46 |  |
| 2002 | Ammonia Nitrogen           | Concern      | Vince Bayou Tidal                        | 0.6 | 28  | 26 |  |
| 2002 | Nitrite + Nitrate Nitrogen | Not Assessed | Berry Bayou Tidal                        | 1.5 | 0   |    |  |
| 2002 | Nitrite + Nitrate Nitrogen | Not Assessed | Brays Bayou Tidal                        | 8.5 | 2   | 2  |  |
| 2002 | Nitrite + Nitrate Nitrogen | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 78  | 54 |  |
| 2002 | Nitrite + Nitrate Nitrogen | Not Assessed | Hunting Bayou Tidal                      | 3.9 | 0   |    |  |
| 2002 | Nitrite + Nitrate Nitrogen | Concern      | Sims Bayou Tidal                         | 6   | 20  | 19 |  |
| 2002 | Nitrite + Nitrate Nitrogen | No Concern   | Vince Bayou Tidal                        | 0.6 | 29  | 4  |  |
| 2002 | Orthophosphorus            | Not Assessed | Berry Bayou Tidal                        | 1.5 | 0   |    |  |
| 2002 | Orthophosphorus            | Not Assessed | Brays Bayou Tidal                        | 8.5 | 3   | 1  |  |
| 2002 | Orthophosphorus            | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 78  | 41 |  |
| 2002 | Orthophosphorus            | Not Assessed | Hunting Bayou Tidal                      | 3.9 | 0   |    |  |
| 2002 | Orthophosphorus            | Concern      | Sims Bayou Tidal                         | 6   | 20  | 17 |  |
| 2002 | Orthophosphorus            | Concern      | Vince Bayou Tidal                        | 0.6 | 28  | 20 |  |

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

34.5

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Nutrient Enrichment Concern** (continued)

|      |                                      |              |                                          |     |    |    |  |
|------|--------------------------------------|--------------|------------------------------------------|-----|----|----|--|
| 2002 | Total Phosphorus                     | Not Assessed | Berry Bayou Tidal                        | 1.5 | 0  |    |  |
| 2002 | Total Phosphorus                     | Not Assessed | Brays Bayou Tidal                        | 8.5 | 4  | 2  |  |
| 2002 | Total Phosphorus                     | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 78 | 33 |  |
| 2002 | Total Phosphorus                     | Not Assessed | Hunting Bayou Tidal                      | 3.9 | 0  |    |  |
| 2002 | Total Phosphorus                     | Concern      | Sims Bayou Tidal                         | 6   | 20 | 15 |  |
| 2002 | Total Phosphorus                     | Concern      | Vince Bayou Tidal                        | 0.6 | 29 | 22 |  |
| 2002 | Overall Nutrient Enrichment Concerns | No Concern   | Berry Bayou Tidal                        | 1.5 |    |    |  |
| 2002 | Overall Nutrient Enrichment Concerns | Concern      | Brays Bayou Tidal                        | 8.5 |    |    |  |
| 2002 | Overall Nutrient Enrichment Concerns | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  |    |    |  |
| 2002 | Overall Nutrient Enrichment Concerns | No Concern   | Hunting Bayou Tidal                      | 3.9 |    |    |  |
| 2002 | Overall Nutrient Enrichment Concerns | Concern      | Sims Bayou Tidal                         | 6   |    |    |  |
| 2002 | Overall Nutrient Enrichment Concerns | Concern      | Vince Bayou Tidal                        | 0.6 |    |    |  |

**Algal Growth Concern**

|      |               |              |                                          |     |    |   |  |
|------|---------------|--------------|------------------------------------------|-----|----|---|--|
| 2002 | Chlorophyll a | Not Assessed | Berry Bayou Tidal                        | 1.5 | 0  |   |  |
| 2002 | Chlorophyll a | Not Assessed | Brays Bayou Tidal                        | 8.5 | 2  | 0 |  |
| 2002 | Chlorophyll a | No Concern   | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 78 | 3 |  |
| 2002 | Chlorophyll a | Not Assessed | Hunting Bayou Tidal                      | 3.9 | 0  |   |  |
| 2002 | Chlorophyll a | No Concern   | Sims Bayou Tidal                         | 6   | 20 | 3 |  |
| 2002 | Chlorophyll a | No Concern   | Vince Bayou Tidal                        | 0.6 | 29 | 3 |  |

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

|              |                         |             |      |       |
|--------------|-------------------------|-------------|------|-------|
| Tidal Stream | San Jacinto River Basin | Total size: | 34.5 | Miles |
|--------------|-------------------------|-------------|------|-------|

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Sediment Contaminants Concern**

|      |                                       |              |                                          |     |    |   |  |
|------|---------------------------------------|--------------|------------------------------------------|-----|----|---|--|
| 2002 | PEL Metals in sediment Zinc           | Not Assessed | Vince Bayou Tidal                        | 0.6 | 7  | 3 |  |
| 2002 | 85% Metals in sediment Arsenic        | Not Assessed | Vince Bayou Tidal                        | 0.6 | 7  | 2 |  |
| 2002 | 85% Metals in sediment Cadmium        | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 10 | 5 |  |
| 2002 | 85% Metals in sediment Cadmium        | Not Assessed | Vince Bayou Tidal                        | 0.6 | 6  | 3 |  |
| 2002 | 85% Metals in sediment Copper         | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 11 | 5 |  |
| 2002 | 85% Metals in sediment Copper         | Not Assessed | Vince Bayou Tidal                        | 0.6 | 7  | 3 |  |
| 2002 | 85% Metals in sediment Nickel         | No Concern   | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 11 | 2 |  |
| 2002 | 85% Metals in sediment Silver         | Not Assessed | Vince Bayou Tidal                        | 0.6 | 7  | 3 |  |
| 2002 | 85% Metals in sediment Zinc           | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 11 | 5 |  |
| 2002 | 85% Metals in sediment Zinc           | Not Assessed | Vince Bayou Tidal                        | 0.6 | 7  | 3 |  |
| 2002 | Organics in sediment                  | Not Assessed | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 2  |   |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Berry Bayou Tidal                        | 1.5 |    |   |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Brays Bayou Tidal                        | 8.5 |    |   |  |
| 2002 | Overall Sediment Contaminant Concerns | Concern      | Houston Ship Channel/Buffalo Bayou Tidal | 14  |    |   |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Hunting Bayou Tidal                      | 3.9 |    |   |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Sims Bayou Tidal                         | 6   |    |   |  |
| 2002 | Overall Sediment Contaminant Concerns | Not Assessed | Vince Bayou Tidal                        | 0.6 |    |   |  |

**Fish Tissue Contaminants Concern**

|      |                       |              |                                          |    |   |   |  |
|------|-----------------------|--------------|------------------------------------------|----|---|---|--|
| 2002 | Metals in fish tissue | Not Assessed | Houston Ship Channel/Buffalo Bayou Tidal | 14 | 9 | 0 |  |
|------|-----------------------|--------------|------------------------------------------|----|---|---|--|

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

34.5

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Fish Tissue Contaminants Concern** (continued)

|      |                                          |              |                                          |     |   |   |  |
|------|------------------------------------------|--------------|------------------------------------------|-----|---|---|--|
| 2002 | Organics in fish tissue Chlordane        | Not Assessed | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 9 | 3 |  |
| 2002 | Organics in fish tissue Dieldrin         | Not Assessed | Houston Ship Channel/Buffalo Bayou Tidal | 14  | 9 | 2 |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Berry Bayou Tidal                        | 1.5 |   |   |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Brays Bayou Tidal                        | 8.5 |   |   |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Houston Ship Channel/Buffalo Bayou Tidal | 14  |   |   |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Hunting Bayou Tidal                      | 3.9 |   |   |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Sims Bayou Tidal                         | 6   |   |   |  |
| 2002 | Overall Fish Tissue Contaminant Concerns | Not Assessed | Vince Bayou Tidal                        | 0.6 |   |   |  |

**Narrative Criteria Concern**

|      |                                     |            |                                          |     |    |    |       |
|------|-------------------------------------|------------|------------------------------------------|-----|----|----|-------|
| 2002 | Fecal coliform single sample        | Concern    | Berry Bayou Tidal                        | 1.5 | 59 | 53 |       |
| 2002 | Fecal coliform geometric mean       | Concern    | Berry Bayou Tidal                        | 1.5 | 59 |    | 2,380 |
| 2002 | Overall Narrative Criteria Concerns | Concern    | Berry Bayou Tidal                        | 1.5 |    |    |       |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Brays Bayou Tidal                        | 8.5 |    |    |       |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Houston Ship Channel/Buffalo Bayou Tidal | 14  |    |    |       |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Hunting Bayou Tidal                      | 3.9 |    |    |       |
| 2002 | Overall Narrative Criteria Concerns | No Concern | Sims Bayou Tidal                         | 6   |    |    |       |

**Segment ID:** 1007      **Water body name:** Houston Ship Channel/Buffalo Bayou Tidal

Tidal Stream

San Jacinto River Basin

Total size:

34.5

Miles

| Assessment Year | Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|
|-----------------|-------------------|----------------------------------|----------|---------------|--------------|------------------|------|

**Narrative Criteria Concern** (continued)

|      |                                     |            |                   |     |  |  |  |
|------|-------------------------------------|------------|-------------------|-----|--|--|--|
| 2002 | Overall Narrative Criteria Concerns | No Concern | Vince Bayou Tidal | 0.6 |  |  |  |
|------|-------------------------------------|------------|-------------------|-----|--|--|--|

**Overall Secondary Concern**

|      |  |            |                                          |     |  |  |  |
|------|--|------------|------------------------------------------|-----|--|--|--|
| 2002 |  | Concern    | Berry Bayou Tidal                        | 1.5 |  |  |  |
| 2002 |  | Concern    | Brays Bayou Tidal                        | 8.5 |  |  |  |
| 2002 |  | Concern    | Houston Ship Channel/Buffalo Bayou Tidal | 14  |  |  |  |
| 2002 |  | No Concern | Hunting Bayou Tidal                      | 3.9 |  |  |  |
| 2002 |  | Concern    | Sims Bayou Tidal                         | 6   |  |  |  |
| 2002 |  | Concern    | Vince Bayou Tidal                        | 0.6 |  |  |  |