

US EPA ARCHIVE DOCUMENT

SAMPLE LOG SHEETS
BASEFLOW SURFACE WATER 2001/2002



TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: **Industri-Plex**
 Sample ID: IPSW-10-071401

Tetra Tech NUS Job No./PMS N0564-0325
 QC Information: N/A (if applicable)

Sample Method/Device: Hand Grab / Direct Dip
 Depth Sampled: 2.0 feet Total Stream Depth 3.4 feet
 Sample Date & Time: 7/14/2001 0800 hours
 Dup. N/A hours

Sampler(s): J. Danieli / K. Lang/ Kara Nuppala

G. Bullard, C. Sanchez

Date Recorded By: J. Danieli
 Signature

TYPE OF SAMPLE: (Check all that apply)

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite
- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify): _____

*include sample source & lot No.

NOTES:

Used 0.45 u filter for Dissolved Metals
Color: clear - slight Brown color

Micro Tip/OVA Monitor Reading: N/A ppm

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>22.84</u>	<u>468</u>	<u>488</u>	<u>95.4</u>	<u>8.09</u>	<u>6.55</u>	<u>-87.1</u>	<u>0.1</u>

Turbidity: CLR/SL CLDY/CLDY/OPAQ

Site Sketch/Notes

Total water depth = 3.4'
sample depth = 2.0'
very low flow in river

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



Tetra Tech NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: Industri-Plex

Tetra Tech NUS Job No./PMS N0564-0325

Sample ID: IPSW-09-071401

QC Information: MS/MSD (if applicable)

Sample Method/Device: Hand Grab / Direct Dip

Depth Sampled: 2.1 feet Total Stream Depth 3.49 feet

Sample Date & Time: 7/14/2001 0830 hours

Sampler(s): J. Danieli / K. Lang/ Kara Nuppula

Dup. N/A hours
C. Sanchez, G. Bullard

Date Recorded By:

C. Sanchez / J. Danieli
Signature

TYPE OF SAMPLE: (Check all that apply)

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite
- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify): MS/MSD

*include sample source & lot No.

NOTES:

moderate flow / used 0.45u Filter for Dissolved Metals

Color: Clear

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>23.52</u>	<u>436</u>	<u>499</u>	<u>118</u>	<u>9.99</u>	<u>7.05</u>	<u>-138</u>	<u>1.4</u>

Micro Tip/OVA Monitor Reading: N/A ppm

Turbidity: CLF/SL CLDY/CLDY/OPAQ

Site Sketch/Notes

TD = 3.49
SD = 2.1

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: Industri-Plex
Sample ID: IPSW-08-071401

Tetra Tech NUS Job No./PMS N0564-0325
QC Information: IPSW-DP01-071401 (if applicable)

Sample Method/Device: Direct DIP
Depth Sampled: 0.95 feet Total Stream Depth 1.58 feet
Sample Date & Time: 7/14/2001 0905 hours
Dup. 0910 hours
Sampler(s): J. Danieli / K. Lang/ Kara Nuppula C. Sanchez & Bullard
Date Recorded By: C. Sanchez / J. Danieli
Signature

TYPE OF SAMPLE: (Check all that apply)

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite
- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify): _____

*include sample source & lot No.

NOTES: used 0.45 u Filter for Total P/1/13 Dissolved metals

Color: clear.

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>19.35</u>	<u>504</u>	<u>565</u>	<u>108</u>	<u>10.17</u>	<u>6.86</u>	<u>133</u>	<u>5.8</u>

Micro Tip/OVA Monitor Reading: N/A ppm

Turbidity: CLP/SL CLDY/CLDY/OPAQ

Site Sketch/Notes

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: **Industri-Plex**Tetra Tech NUS Job No./PMS N0564-0325Sample ID: IPSW-07-071401QC Information: NA (if applicable)Sample Method/Device: Hand Grab / Direct Dip

TYPE OF SAMPLE: (Check all that apply)

Depth Sampled: 1.0 feet Total Stream Depth 1.65 feetSample Date & Time: 7/14/2001 0945 hoursSampler(s): J. Danieli / K. O'Neill (circle appropriate) G. Bullard, G. SanchezDate Recorded By: J. Danieli

Signature

 Groundwater Trip Blank* Surface Water Rinsate Blank* Residential Supply Field Duplicate Collected Grab Other (Specify): Composite

*include sample source & lot No.

NOTES:

Used 1.0 & 0.45u
Filter for
dissolved metals

Color:

Slightly YellowMicro Tip/OVA Monitor Reading: N/A

ppm

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>18.65</u>	<u>570</u>	<u>648</u>	<u>106</u>	<u>9.46</u>	<u>6.89</u>	<u>-125</u>	<u>5.1</u>

Turbidity: CLR/SL CLDY/CLDY/OPAQ

Site Sketch/Notes

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: Industri-Plex

Tetra Tech NUS Job No./PMS N0564-0325

Sample ID: IPSW-EB01-071401 QC Information: Rinsate / Equipment Blank (if applicable)

Sample Method/Device: Direct Pump-through Filters

TYPE OF SAMPLE: (Check all that apply)

Depth Sampled: N/A feet Total Stream Depth N/A feet

Sample Date & Time: 7/14/2001 1015 hours

Dup. N/A hours

Sampler(s): J. Danieli / K. O'Neill (circle appropriate) J. Danieli / G. Bullard / C. Sanchez

Date Recorded By: J. Danieli
Signature

Groundwater

Trip Blank*

Surface Water

Rinsate Blank*

Residential Supply

Field Duplicate Collected

Grab

Other (Specify):

Composite

DIUF Lot 030515/

*include sample source & lot No.

NOTES:

DIUF Lot #: 030515
Pump through 1.0 & 0.45 u
Filters
Color: clear

Micro Tip/OVA Monitor Reading: N/A ppm

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>N/A</u> →							

Site Sketch/Notes N/A

Turbidity: CLR SL CLDY/CLDY/OPAQ

ANALYSIS	Check (X)
Total TAL Metals	
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	



TETRA TECH NUS, INC.

SAFETY LOG SHEET - SURFACE WATER

Site Name: Industri-Plex
Sample ID: IP SW-06-071401

Tetra Tech NUS Job No./PMS N0564-0325
QC Information: N/A (if applicable)

Sample Method/Device: _____
Depth Sampled: 1.1 feet Total Stream Depth 1.85 feet
Sample Date & Time: 7/14 /2001 1020 hours

Dup. N/A hours
Sampler(s): J. Danieli / K. O'Neill (circle appropriate) G. Bullard C. Sanchez

Date Recorded By: J. Danieli / C. Sanchez
Signature

TYPE OF SAMPLE: (Check all that apply)

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite
- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify): _____

*include sample source & lot No.

NOTES: Used 0.45 & 1.0u Filter - for dissolved metals

Color: Slightly yellow

Micro Tip/OVA Monitor Reading: N/A ppm

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>18.07</u>	<u>565</u>	<u>652</u>	<u>98.5</u>	<u>8.92</u>	<u>7.01</u>	<u>-127</u>	<u>5.3</u>

Site Sketch/Notes N/A

Turbidity: CLR/SL CLDY/CLDY/OPAQ

ANALYSIS	Check (X)
Total TAL Metals	<u>Y</u>
Dissolved TAL Metals	<u>Y</u>
Total Suspended Solids	<u>Y</u>



TETRA TECH NUS, INC.

SAFETY LOG SHEET - SURFACE WATER

Site Name: **Industri-Plex**

Tetra Tech NUS Job No./PMS **N0564-0325**

Sample ID: **IPSW-05-071401**

QC Information: **N/A** (if applicable)

Sample Method/Device: **Direct DIP**

TYPE OF SAMPLE: (Check all that apply)

Depth Sampled: **0.8** feet Total Stream Depth **1.35** feet

Sample Date & Time: **7/14/2001** **1045** hours

Dup. **N/A** hours

Sampler(s): J. Danieli / K. O'Neill (circle appropriate) **G. Bullard** **C. Sanchez**

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite

- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify):

Date Recorded By: **C. Sanchez / J. Danieli**
Signature

*include sample source & lot No.

NOTES:

Micro Tip/OVA Monitor Reading: **N/A** ppm

Color: **yellow**

Field Sampling Data:

Temp °C	Cond. (µS/cm)	Spec. Cond. (µS/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
21.46	596	637	72.6	6.25	6.71	-127	2.1

Turbidity: CLR/SL **LDY** CLDY/OPAQ

Site Sketch/Notes

ANALYSIS	Check (X)
Total TAL Metals	X
Dissolved TAL Metals	X
Total Suspended Solids	X

Site Name: Industri-PlexTetra Tech NUS Job No./PMS N0564-0325Sample ID: IPSW-04-071401QC Information: N/A (if applicable)Sample Method/Device: Direct DIPDepth Sampled: 0.45 feet Total Stream Depth 0.87 feetSample Date & Time: 7/14/2001 11:20 hoursDup. N/A hoursSampler(s): J. Danieli / K. O'Neill (circle appropriate) G. Bullard, C. SanchezDate Recorded By: C. Sanchez, J. Danieli
Signature

TYPE OF SAMPLE: (Check all that apply)

Groundwater
 Surface Water
 Residential Supply
 Grab
 Composite

Trip Blank*
 Rinsate Blank*
 Field Duplicate Collected
 Other (Specify):

*include sample source & lot No.

NOTES:

High flow - Filtered w/1.0 +
 0.45 μ filter for Dissolved
 metals
 Color: slightly yellow - Brown

Field Sampling Data:

Temp °C	Cond. (μ S/cm)	Spec. Cond. (μ S/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
21.5	578	617	97.8	8.39	6.88	-141	7.5

Micro Tip/OVA Monitor Reading:

ppm

Turbidity: CLR/SL CLDY/CLDY/OPAQSite Sketch/Notes N/A

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



TETRA TECH NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: Industri-PlexTetra Tech NUS Job No./PMS N0564-0325Sample ID: IPSW-03-071401QC Information: NA (if applicable)

Sample Method/Device:

Depth Sampled: 0.75 feet Total Stream Depth 1.25 feetSample Date & Time: 7/14/2001 1110 hoursDup. N/A hoursSampler(s): J. Danieli / K. O'Neill (circle appropriate) C. Sanchez / G. BullardDate Recorded By: C. Sanchez / J. Danieli
Signature

TYPE OF SAMPLE: (Check all that apply)

 Groundwater Trip Blank* Surface Water Rinsate Blank* Residential Supply Field Duplicate Collected Grab Other (Specify): Composite

*include sample source & lot No.

NOTES:

Filters using 0.45 +
1.0 um Filter for dissolved
metalsColor: Slight yellow

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>18.5</u>	<u>544</u>	<u>621</u>	<u>69.5</u>	<u>6.3</u>	<u>6.9</u>	<u>-149</u>	<u>2.4</u>

Micro Tip/OVA Monitor Reading: N/A

ppm

Turbidity: CLR/SL CLDY/CLDY/OPAQSite Sketch/Notes N/A

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>

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Site Name: Industri-Plex Tetra Tech NUS Job No./PMS N0564-0325
Sample ID: IPSW-02-07/401 QC Information: N/A (if applicable)

Sample Method/Device: _____
Depth Sampled: 0.66 feet Total Stream Depth 1.1 feet
Sample Date & Time: 7/14/2001 1155 hours
Dup. N/A hours
Sampler(s): J. Danieli / K. Lang/ Kara Nuppula C. Sanchez, G. Bulbird
Date Recorded By: J. Danieli / C. Sanchez
Signature

TYPE OF SAMPLE: (Check all that apply)

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite
- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify): _____

*include sample source & lot No.

NOTES: Filtered through 1.0 + 0.45 u for dissolved metals.
Color: slightly yellow

Micro Tip/OVA Monitor Reading: N/A ppm

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>21.2</u>	<u>561</u>	<u>606</u>	<u>72.3</u>	<u>6.35</u>	<u>6.88</u>	<u>-130</u>	<u>19.5</u>

Turbidity: CLR/SL CLDY/CLDY/OPAQ

Site Sketch/Notes N/A

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



TETRA TECH NUS, INC.

SA LE LOG SHEET – SURFACE WATER

Site Name: **Industri-Plex**
 Sample ID: IPSW-01-071401

Tetra Tech NUS Job No./PMS N0564-0325
 QC Information: NIA (if applicable)

Sample Method/Device: Direct DIP
 Depth Sampled: 0.74 feet Total Stream Depth 1.2 feet
 Sample Date & Time: 7/14/2001 12:10 hours
 Dup. NIA hours
 Sampler(s): J. Daniels / K. O'Neill (circle appropriate) C. Sanchez G. Bylard
 Date Recorded By: f. Daniels
 Signature

TYPE OF SAMPLE: (Check all that apply)

- Groundwater
- Surface Water
- Residential Supply
- Grab
- Composite
- Trip Blank*
- Rinsate Blank*
- Field Duplicate Collected
- Other (Specify):

*include sample source & lot No.

NOTES: Strong Flow

Filtered Through 0.45µm
1.0µm Filter for Dissolved
metals
 Color: Slightly Yellow

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>17.93</u>	<u>484.0</u>	<u>560.0</u>	<u>63.4</u>	<u>5.95</u>	<u>7.07</u>	<u>-148.5</u>	<u>3.9</u>

Micro Tip/OVA Monitor Reading: NIA ppm

Turbidity: CLR/SL CLDY/CLDY/OPAQ

Site Sketch/Notes NIA

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>



Tetra Tech NUS, INC.

SAMPLE LOG SHEET - SURFACE WATER

Site Name: Industri-Plex Tetra Tech NUS Job No./PMS N0564-0325
 Sample ID: IPSW-01-082301 QC Information: MS/MSD (if applicable)

Sample Method/Device: Direct DIP
 Depth Sampled: .54 feet Total Stream Depth .9 feet
 Sample Date & Time: 8/23/2001 1530 hours
 Dup. N/A hours
 Sampler(s): J. Danieli / K. Lang / Kara Nuppala L. Seydewitz
 Date Recorded By: L. Seydewitz
 Signature

TYPE OF SAMPLE: (Check all that apply)

<input type="checkbox"/>	Groundwater	<input type="checkbox"/>	Trip Blank*
<input checked="" type="checkbox"/>	Surface Water	<input type="checkbox"/>	Rinsate Blank*
<input type="checkbox"/>	Residential Supply	<input type="checkbox"/>	Field Duplicate Collected
<input checked="" type="checkbox"/>	Grab	<input checked="" type="checkbox"/>	Other (Specify): <u>MS/MSD</u>
<input type="checkbox"/>	Composite		

*include sample source & lot No.

NOTES: Turbidity Reading
Taken From YSI in Channel.
All other readings from reference
unit YSI.

Color: Brown

Field Sampling Data:

Temp °C	Cond. (µs/cm)	Spec. Cond. (µs/cm)	DO (%)	DO (mg/L)	pH (std. Units)	ORP (mV)	Turbidity (NTU)
<u>20.74</u>	<u>579</u>	<u>630</u>	<u>73.1</u>	<u>6.85</u>	<u>7.26</u>	<u>-187.0</u>	<u>10.4</u>

Micro Tip/OVA Monitor Reading: N/A ppm

Turbidity: CLR/SL CLDY/CLDY/OPAQ

Site Sketch/Notes See Station photo. / Roux Associates collect
3 - 500mL Bottles
(Roux = Station 1.0)
filter -> .45 µ

ANALYSIS	Check (X)
Total TAL Metals	<input checked="" type="checkbox"/>
Dissolved TAL Metals	<input checked="" type="checkbox"/>
Total Suspended Solids	<input checked="" type="checkbox"/>