

GASBOL_A

Simulation Message Report

Time	Level	Type	Name	Message
0.000000	Event	Centrifugal Compressor	CGR-D	MODE CHANGE: (Iteration 8) FROM: BankControl TO: Closed
0.000000	Event	Centrifugal Compressor	PEN-D	MODE CHANGE: (Iteration 8) FROM: BankControl TO: Closed
0.000000	Event	Centrifugal Compressor	PLN-A	MODE CHANGE: (Iteration 8) FROM: BankControl TO: MinimumSpeed
0.000000	Event	Centrifugal Compressor	PLN-B	MODE CHANGE: (Iteration 8) FROM: BankControl TO: MinimumSpeed
0.000000	Event	Centrifugal Compressor	CBO-C	MODE CHANGE: (Iteration 8) FROM: Bypass TO: Closed
0.000000	Event	Reciprocating Compressor	SID_MCD	MODE CHANGE: (Iteration 8) FROM: Bypass TO: Closed
0.000000	Event	Reciprocating Compressor	BIG_MCA	MODE CHANGE: (Iteration 8) FROM: Bypass TO: Closed
0.000000	Event	Centrifugal Compressor	CGR-D	MODE CHANGE: (Iteration 11) FROM: Closed TO: BankControl
0.000000	Event	Reciprocating Compressor	SID_MCC	MODE CHANGE: (Iteration 17) FROM: BankControl TO: Closed

GASBOL_A

Default Initial Values Selected

Pressure	92.089
Flow	1492.375
Temperature	24.819
Specific Gravity	0.633
Heating Value	35.973
Wobbe Index	50.075
Molecular Weight	18.319
% C1	89.200
% C2	5.900
% C3	1.810
% IC4	0.290
% NC4	0.400
% IC5	0.120
% NC5	0.080
% C6	0.090
% CO2	1.390
% N2	0.710
% O2	0.010

Problem Size Report

Nodes	466
Pipes	309
Knots	3144
Supplies	3
Deliveries	51
Fuel Deliveries	15
Block Valves	112
Regulators	2
Resistances	15

Problem Size Report

Coolers	15
Stations	15
Banks	15
Centrifugal Bank Compressors	29
Reciprocating Bank Compressors	11
Generic Drivers	8
Turbine Drivers	3
Centrifugal Performance Types	7
Reciprocating Performance Types	7
Generic Driver Performance Types	3
Turbine Driver Performance Types	5
Cylinder Types	4
Compositional Fluids	1

Steady State Convergence Report

Iteration Number	Tolerance Requested	Greatest Hydraulic Adjustment	Greatest Temperature Adjustment	Greatest Composition Adjustment	Associated Device
0	0.0000100	329.9514691	0.0000000	0.0000000	Flux N11-C0002
1	0.0000100	174.3753250	0.0000000	0.0000000	Flux N11-C0002
2	0.0000100	100.4640632	0.0000000	0.0000000	Flux N11-C0002
3	0.0000100	60.1587669	0.0000000	0.0000000	Flux N09-D0008
4	0.0000100	7.6915715	0.0000000	0.0000000	Flux N09-D0008

DPMX increased to 9764.86

5	0.0000100	0.0347058	0.0000000	0.0000000	Flux N09-D0009
6	0.0000100	0.0008539	0.0000000	0.0000000	Node N09-D0010-IAC1
7	0.0000100	0.0000001	0.0000000	0.0000000	Node N09-D0010-IAC1

- 8 **Centrifugal Compressor CGR-D** **FROM: BankControl TO: Closed**
- 8 **Centrifugal Compressor PEN-D** **FROM: BankControl TO: Closed**
- 8 **Centrifugal Compressor PLN-A** **FROM: BankControl TO: MinimumSpeed**
- 8 **Centrifugal Compressor PLN-B** **FROM: BankControl TO: MinimumSpeed**
- 8 **Centrifugal Compressor CBO-C** **FROM: Bypass TO: Closed**
- 8 **Reciprocating Compressor SID_MCD** **FROM: Bypass TO: Closed**
- 8 **Reciprocating Compressor BIG_MCA** **FROM: Bypass TO: Closed**

8	0.0000100	0.0668883	0.0000000	0.0000000	Xreg COM_CBA
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DPMX increased to 19529.72

9	0.0000100	0.0008168	0.0000000	0.0000000	Node N02-E0002-MRD1
10	0.0000100	0.0000005	0.0000000	0.0000000	Node N02-E0002-MRD1

- 11 **Centrifugal Compressor CGR-D** **FROM: Closed TO: BankControl**

11	0.0000100	0.0061944	0.0000000	0.0000000	Xreg COMB_CGR
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DPMX increased to 39059.44

12	0.0000100	0.0000012	0.0000042	0.0000000	TNode N05-D0002-RRP1
13	0.0000100	2.5878291	0.0000042	0.0000000	Flux N01-A0001
14	0.0000100	0.0037733	0.0000042	0.0000000	Flux N01-B0002

DPMX increased to 48824.28

15	0.0000100	0.0029353	0.0000042	0.0000000	Node N02-E0002-MRD1
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Steady State Convergence Report					
Iteration Number	Tolerance Requested	Greatest Hydraulic Adjustment	Greatest Temperature Adjustment	Greatest Composition Adjustment	Associated Device
16	0.0000100	0.0000017	0.0000042	0.0000000	TNode N05-D0002-RRP1
17	Reciprocating Compressor SID_MCC		FROM: BankControl TO: Closed		
17	0.0000100	0.0048176	0.0000042	0.0000000	Xreg COM_CBA
18	0.0000100	0.0000024	0.0000033	0.0000000	TNode N05-D0002-RRP1
19	0.0000100	0.0676452	0.0000033	0.0000000	Flux N01-B0002
20	0.0000100	0.0000031	0.0000089	0.0000000	TNode N03-E0002-ANT1
21	0.0000100	0.0001241	0.0000041	0.0000000	Equip HUB3
22	0.0000100	0.0000000	0.0000068	0.0000000	TNode S03-C0001
23	0.0000100	0.0000013	0.0000044	0.0000000	TNode S03-M0004-BIG2

GASBOL_A : 0.000000 hours

Reference Conditions Report	
Reference Pressure	0.00 kg/cm2g
Reference Temperature	20.00 Deg C

Network Flow Balance Report : 0.000000 hours

Network Flow Balance		
	Mass Units	Volumetric Units
	Tonn/h	kSm3/d
Total Input Flow	1080.666	34056.352
Total Output Flow	1080.667	34056.402
Network Flow Balance	-0.002	-0.050

Node Mass Balance Report : 0.000000 hours

Node Mass Balance: Threshold = 0.010000	
Node Name	Mass Balance Error
	kSm3/d
No Mass Balance Errors Above Threshold	

Network Extrema Report : 0.000000 hours

Network Extrema		
	Minimum	Maximum
Pressure (kg/cm2g)	52.344	588.243
Temperature (Deg C)	15.373	83.779

Pipe Hydraulic Summary Report : 0.000000 hours

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
N01-A001	85.00	77.94	31056.352	31056.352	1142.2989	51.70	45.17
N01-B001	77.94	72.59	31056.352	31056.353	733.6748	45.17	41.02
N02-A001	99.99	97.59	30933.070	30933.070	660.6517	48.00	45.63
N02-B001	97.59	92.30	30933.070	30933.070	1213.0392	45.63	41.18
N02-C001	92.30	86.20	30933.070	30933.071	1297.7702	41.18	36.86
N02-D001	86.20	79.69	30933.071	30933.072	1215.3945	36.86	33.02
N02-E001	79.69	71.82	30933.072	30933.074	1272.3621	33.02	29.19
N03-A001	99.99	95.09	30811.372	30811.372	1168.8603	48.00	43.46
N03-B001	95.09	89.28	30811.372	30811.372	1239.4179	43.46	38.93
N03-C001	89.28	83.69	30811.372	30811.373	1004.6416	38.93	35.16
N03-D001	83.69	77.59	30811.373	30811.373	1199.5261	35.16	31.97
N03-E001	77.59	72.11	30811.373	30811.374	878.4132	31.97	29.38
N04-A001	99.99	97.12	30690.487	30690.487	543.9467	48.00	45.36
N04-A002	97.12	96.21	30690.487	30690.487	388.8995	45.36	44.43
N04-A003	96.21	95.50	30690.487	30690.487	80.4546	44.43	43.84
N04-B001	95.50	89.16	30690.487	30690.487	1315.0343	43.84	38.83
N04-C001	89.16	87.97	30690.487	30690.487	404.6732	38.83	38.10
N04-C002	87.97	84.93	30690.487	30690.487	457.5482	38.10	35.95
N04-C003	84.93	82.55	30690.487	30690.487	555.7515	35.95	34.64
N04-D001	82.55	74.07	30690.487	30690.488	1197.0405	34.64	29.60
N05-A001	99.99	92.35	30575.976	30575.976	1677.4236	48.00	41.20
N05-B001	92.35	90.12	30575.976	30575.976	659.7803	41.20	39.53
N05-B002	90.12	87.75	30575.976	30575.976	341.5855	39.53	37.75
N05-B003	87.75	87.43	30575.976	30575.976	271.6374	37.75	37.69
N05-B004	87.43	85.05	30575.976	30575.976	307.9247	37.69	35.96
N05-C001	85.05	77.74	30575.976	30575.976	1512.7199	35.96	32.05
N05-D001	77.74	71.25	30575.976	30575.977	1149.7744	32.05	29.27
N06-A001	99.99	100.23	30454.811	30454.811	102.3707	48.00	48.06
N06-A002	100.23	93.44	30454.811	30454.811	1321.0640	48.06	42.00
N06-B001	93.44	91.99	30454.811	30454.811	583.5386	42.00	40.83
N06-B002	91.99	87.07	30454.811	30454.811	1004.0363	40.83	37.23
N06-C001	87.07	82.08	30454.811	30454.811	1112.1011	37.23	34.25
N06-D001	82.08	77.00	30454.811	30454.811	850.7904	34.25	31.36
N06-E001	76.99	71.27	30454.811	30454.811	986.3557	31.36	28.91
N07-A001	99.99	94.39	30333.701	30333.701	1440.9483	48.00	42.68
N07-B001	94.39	91.32	30333.701	30333.701	571.4147	42.68	40.20
N07-B002	91.32	88.93	30333.701	30333.701	603.6860	40.20	38.28

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
N07-C001	88.93	87.58	26428.701	26428.701	571.0532	38.28	36.92
N07-C002	87.58	83.69	26428.701	26428.701	960.3275	36.92	33.67
N07-D001	83.69	79.29	26428.701	26428.701	994.0401	33.67	30.55
N07-E001	79.29	75.23	26428.701	26428.701	916.0990	30.55	28.22
N08-A001	99.99	95.63	26325.371	26325.371	1546.4406	48.00	41.90
N08-B001	95.63	92.06	26325.371	26325.371	1178.1840	41.90	37.97
N08-B002	92.06	90.13	26325.371	26325.371	379.3515	37.97	36.25
N08-C001	90.13	88.18	26325.371	26325.371	805.2799	36.25	34.56
N08-C002	88.18	85.99	26325.371	26325.371	470.5697	34.56	32.83
N08-D001	85.99	84.86	26325.371	26325.371	481.1019	32.83	32.10
N08-D002	84.86	84.41	26325.371	26325.371	49.3702	32.10	31.75
N08-D003	84.41	81.16	26325.371	26325.371	839.7730	31.75	29.68
N10-A001	99.99	99.92	26155.938	26155.938	198.9620	48.00	47.49
N10-A002	99.92	98.24	26155.938	26155.938	261.6784	47.49	45.66
N10-A003	98.24	96.90	26155.938	26155.938	633.3281	45.66	43.51
N10-B001	95.83	92.09	26155.938	26155.938	1268.0199	42.27	38.04
N10-C001	92.09	91.68	26155.938	26155.938	193.4564	38.04	37.59
N10-C002	91.68	89.61	26155.938	26155.938	268.1046	37.59	35.81
N10-C003	89.61	88.55	26155.938	26155.938	299.4647	35.81	34.90
N10-C004	88.55	87.43	26155.938	26155.938	257.4407	34.90	34.00
N10-C005	87.43	87.70	26155.938	26155.938	206.8716	34.00	34.25
N10-C006	87.70	87.35	26155.938	26155.938	28.8276	34.25	33.96
N10-D001	87.35	80.79	25645.938	25645.938	1444.8715	33.95	29.19
N10-E001	80.79	81.12	25645.938	25645.938	100.5686	29.19	29.64
N10-E002	81.12	79.89	25645.938	25645.938	121.9265	29.64	28.73
N10-E003	79.89	80.73	25645.938	25645.938	100.0294	28.73	29.65
N10-E004	80.73	78.32	25645.938	25645.939	308.3095	29.65	28.02
N11-A001	99.99	98.21	25552.690	25552.690	382.1290	48.00	45.90
N11-A002	98.21	98.09	25552.690	25552.690	97.2194	45.90	45.64
N11-A003	98.09	98.58	24562.690	24562.690	227.7147	45.64	45.56
N11-A004	98.58	95.92	24562.690	24562.690	680.4885	45.56	42.39
N11-B001	95.92	94.98	24562.690	24562.690	146.9171	42.39	41.47
N11-B002	94.98	96.50	24562.690	24562.690	208.2495	41.47	42.37
N11-B003	96.50	95.17	24562.690	24562.690	613.2004	42.37	40.59
N11-B004	95.17	94.29	24562.690	24562.690	196.1458	40.59	39.72
N11-C001	94.29	94.47	24562.690	24562.690	64.2372	39.72	39.77
N11-C002	94.47	94.19	24562.690	24562.690	11.8744	39.77	39.54
N11-C003	94.19	93.13	24562.690	24562.690	591.3439	39.54	38.05
N11-C004	93.13	90.20	24562.690	24562.690	480.8397	38.05	35.37
N11-C005	90.20	90.37	24562.690	24562.690	263.1350	35.37	35.39
N11-D001	90.37	90.07	24562.690	24562.690	193.0254	35.39	35.07
N11-D002	90.07	90.27	24341.190	24341.190	145.7231	35.07	35.17
N11-D003	90.27	88.63	24341.190	24341.190	268.2413	35.17	33.76
N11-D004	88.63	87.45	24341.190	24341.190	545.4145	33.76	32.74
N11-E001	87.45	87.35	24341.190	24341.190	116.3623	32.74	32.66
N11-E002	87.35	87.24	22541.190	22541.190	227.7199	32.66	32.52
N11-E003	87.24	85.85	22541.190	22541.190	261.5689	32.52	31.35
N11-E004	85.85	84.81	22541.190	22541.190	385.7469	31.35	30.56
S01-A002	99.21	97.84	12280.035	12280.035	246.8228	47.05	43.88
S01-B001	97.84	96.99	12280.035	12280.035	147.4434	43.88	42.16

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
S01-B002	96.99	95.94	12280.035	12280.035	128.8401	42.16	40.54
S01-C001	95.94	94.78	12280.035	12280.035	228.7067	40.54	38.44
S01-C002	94.78	94.82	11362.535	11362.535	72.1169	38.44	38.07
S01-D001	94.82	92.38	11362.535	11362.535	400.9425	38.07	34.48
S01-E002	91.97	90.23	10930.035	10930.035	537.2712	33.38	30.92
S01-F001	90.23	87.95	10930.035	10930.036	455.5177	30.92	28.84
S01-G001	86.90	86.78	10930.036	10930.036	131.9406	27.53	27.57
S01-G002	86.78	84.30	10930.036	10930.036	399.5533	27.57	26.10
S01-H001	84.30	81.87	10930.036	10930.036	591.6920	26.10	25.43
S01-I001	81.87	81.57	10930.036	10930.036	71.1790	25.43	25.38
S01-I002	81.57	80.26	10930.036	10930.036	74.2045	25.38	24.45
S01-I003	80.26	78.33	10930.036	10930.037	443.2531	24.45	24.41
S01-J001	78.33	77.69	10373.037	10373.037	151.9388	24.41	24.39
S01-J002	77.69	74.66	10373.037	10373.038	397.4143	24.39	23.30
S01-J003	74.66	73.93	10373.038	10373.038	214.6509	23.30	23.67
S01-K001	73.93	73.38	10373.038	10373.038	233.6673	23.67	24.25
S01-K002	73.38	70.13	10373.038	10373.039	464.1104	24.25	23.45
S02-A001	99.58	94.92	10323.035	10323.035	591.1945	48.00	37.97
S02-B001	94.92	95.28	10323.035	10323.035	68.0179	37.97	37.74
S02-B002	95.28	93.84	10323.035	10323.035	77.5785	37.74	36.09
S02-B003	93.84	94.28	10323.035	10323.035	246.2053	36.09	34.97
S02-B004	94.28	92.24	10323.035	10323.035	112.3744	34.97	32.85
S02-B005	92.24	92.02	10323.035	10323.035	144.7368	32.85	32.11
S02-C001	92.02	92.16	10323.035	10323.035	205.6600	32.11	31.51
S02-C002	92.16	90.13	10323.035	10323.035	109.3132	31.51	29.62
S02-C003	90.13	90.62	10323.035	10323.035	29.1471	29.62	29.96
S02-C004	90.62	89.16	10323.035	10323.035	77.8451	29.96	28.64
S02-C005	89.16	89.15	10323.035	10323.035	146.9416	28.64	28.45
S02-D001	89.15	86.70	10323.035	10323.036	817.7233	28.45	26.16
S02-E002	88.66	86.73	10323.037	10323.037	84.9925	27.28	25.70
S02-E003	86.73	87.24	10323.037	10323.037	48.9350	25.70	26.15
S02-E004	87.24	84.24	10323.037	10323.037	249.8149	26.15	23.95
S02-E005	84.24	85.84	10323.037	10323.037	39.6109	23.95	25.36
S02-E006	85.84	84.38	10323.037	10323.037	150.8393	25.36	24.34
S02-G001	80.85	81.47	10323.040	10323.040	270.8626	21.98	23.40
S02-G002	81.47	77.83	10323.040	10323.041	256.3156	23.40	21.09
S02-G003	77.83	79.00	10323.041	10323.041	20.7559	21.09	22.25
S02-G004	79.00	77.48	10323.041	10323.041	52.0043	22.25	21.08
S02-G005	77.48	75.28	10323.041	10323.042	204.6258	21.08	20.12
S02-H001	75.28	76.57	10323.042	10323.042	89.5474	20.12	21.79
S02-H002	76.57	72.26	10323.042	10323.044	341.2532	21.79	19.70
S02-H003	72.26	72.06	10323.044	10323.045	204.2494	19.70	20.81
S02-H004	72.06	70.67	10323.045	10323.045	102.8570	20.81	20.09
S02-I001	70.67	67.99	10323.045	10323.046	271.3102	20.09	19.42
S02-I002	67.99	66.79	10323.046	10323.047	205.8276	19.42	19.89
S02-J001	66.79	64.02	10323.047	10323.050	393.2234	19.89	20.33
S02-J002	64.02	63.74	10323.050	10323.050	40.7980	20.33	20.39
S03-A001	74.00	73.87	5242.879	5242.879	11.1420	42.38	41.70
S03-A002	73.87	73.49	5242.879	5242.879	117.0113	41.70	36.52
S03-A003	73.49	72.94	5242.879	5242.879	59.1584	36.52	34.11

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
S03-B001	72.94	70.53	5242.879	5242.880	408.2187	34.11	25.27
S03-C001	70.53	69.64	5242.880	5242.881	156.5403	25.27	23.62
S03-C002	69.64	69.43	5242.881	5242.881	135.0442	23.62	23.11
S03-D001	69.43	72.16	5242.881	5242.882	386.5481	23.11	24.46
S03-E001	72.16	70.10	5242.882	5242.884	384.3003	24.46	21.85
S03-F001	70.10	69.50	5242.884	5242.884	42.7293	21.85	21.33
S03-F002	69.50	68.34	5242.884	5242.885	273.8005	21.33	20.97
S03-F003	68.34	67.30	5242.885	5242.886	130.8596	20.97	20.47
S03-F004	67.30	67.31	5242.886	5242.886	25.0078	20.47	20.61
S03-G001	67.31	63.28	5242.886	5242.888	333.1961	20.61	18.86
S03-G002	63.28	63.98	5242.888	5242.888	24.3739	18.86	19.83
S03-H001	63.98	63.38	5242.888	5242.888	8.5116	19.83	19.24
S03-H002	63.38	63.57	5242.888	5242.889	130.2019	19.24	20.45
S03-H003	63.57	60.62	5242.889	5242.890	122.3139	20.45	18.28
S03-H004	60.62	61.55	5242.890	5242.890	69.2051	18.28	20.04
S03-H005	61.55	60.31	5242.890	5242.890	19.8787	20.04	18.82
S03-H006	60.31	61.67	5242.890	5242.891	83.3129	18.82	21.06
S03-I001	61.67	61.64	4587.391	4587.391	12.2920	21.06	21.07
S03-I002	61.64	59.80	4587.391	4587.392	127.7117	21.07	19.75
S03-I003	59.80	60.03	4587.392	4587.392	98.2508	19.75	20.69
S03-J001	60.03	59.81	4587.392	4587.393	68.5392	20.69	20.78
S03-J002	59.81	59.15	4332.393	4332.394	100.0657	20.78	20.53
S03-L001	59.15	56.58	4332.394	4332.394	88.0277	20.53	18.34
S03-L002	56.58	58.08	4332.394	4332.395	77.2026	18.34	20.88
S03-L003	58.08	56.58	4332.395	4332.395	17.3149	20.88	19.18
S03-L004	56.58	57.81	4332.395	4332.395	21.4293	19.18	20.86
S03-L005	57.81	57.01	4332.395	4332.396	54.2907	20.86	20.22
S03-L006	57.01	57.20	4332.396	4332.397	97.0957	20.22	21.02
S03-M001	57.20	55.12	3899.897	3899.899	247.8564	21.02	20.02
S03-M002	55.12	55.53	3899.899	3899.900	80.8163	20.02	21.01
S03-M003	55.53	55.33	3899.900	3899.900	24.2766	21.01	20.88
S04-A001	74.50	72.24	3886.541	3886.541	132.6363	48.00	35.56
S04-A002	72.24	71.23	3886.541	3886.541	41.3357	35.56	32.60
S04-A003	71.23	72.23	3886.541	3886.541	104.4760	32.60	29.92
S04-A004	72.23	68.97	3886.541	3886.541	60.7352	29.92	25.39
S04-A005	68.97	70.72	3886.541	3886.541	35.6913	25.39	26.63
S04-B001	70.72	67.78	3886.541	3886.541	34.5185	26.63	23.28
S04-B002	67.78	67.91	3886.541	3886.541	56.5455	23.28	23.19
S04-B003	67.91	66.29	3886.541	3886.541	20.5271	23.19	21.48
S04-B004	66.29	68.13	3886.541	3886.541	75.7686	21.48	23.35
S04-B005	68.13	65.51	3886.541	3886.541	70.4628	23.35	20.70
S04-B006	65.51	66.61	3886.541	3886.541	17.5555	20.70	21.95
S04-B007	66.61	65.04	3886.541	3886.541	22.5976	21.95	20.38
S04-B008	65.04	65.87	3886.541	3886.541	32.6564	20.38	21.45
S04-B009	65.87	64.02	3886.541	3886.541	19.4250	21.45	19.59
S04-B010	64.02	64.48	3886.541	3886.541	4.0234	19.59	20.14
S04-C001	64.48	65.23	3886.541	3886.541	40.7140	20.14	21.23
S04-C002	65.23	64.11	3886.541	3886.541	27.8804	21.23	20.21
S04-C003	64.11	64.79	3886.541	3886.541	75.7700	20.21	21.44
S04-C004	64.79	62.92	3886.541	3886.541	107.4417	21.44	20.16

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
S04-C005	62.92	63.59	3886.541	3886.541	111.2772	20.16	21.65
S04-D001	63.59	63.08	3886.541	3886.541	137.1112	21.65	21.59
S04-D002	63.08	61.63	3886.541	3886.541	50.1756	21.59	20.31
S04-D003	61.63	61.85	3886.541	3886.541	93.0431	20.31	21.27
S04-E001	61.85	60.68	3886.541	3886.541	16.1299	21.27	20.08
S04-E002	60.68	61.63	3886.541	3886.541	16.5572	20.08	21.30
S04-E003	61.63	60.36	3886.541	3886.541	30.4902	21.30	20.11
S04-E004	60.36	61.19	3886.541	3886.541	17.2735	20.11	21.23
S04-E005	61.19	59.19	3886.541	3886.541	82.8505	21.23	19.76
S04-E006	59.19	59.42	3886.541	3886.541	73.9315	19.76	20.86
S04-E007	59.42	59.36	3886.541	3886.541	2.0011	20.86	20.81
S04-F001	59.36	56.81	3886.541	3886.541	45.3629	20.81	18.46
S04-F002	56.81	57.26	3886.541	3886.541	20.9754	18.46	19.42
S04-F003	57.26	56.21	3886.541	3886.541	22.5449	19.42	18.57
S04-G001	56.21	56.17	3886.541	3886.541	89.3201	18.57	20.08
S04-G002	56.17	54.37	3886.541	3886.541	47.8994	20.08	18.72
S04-G003	54.37	55.84	3886.541	3886.541	45.6113	18.72	21.25
S04-H001	55.84	54.93	3886.541	3886.541	37.9807	21.25	20.54
S04-H002	54.93	52.92	3886.541	3886.541	80.6205	20.54	19.37
S04-H003	52.92	53.35	3886.541	3886.541	15.2667	19.37	20.22
S04-H004	53.35	52.77	3886.541	3886.541	11.8107	20.22	19.67
S05-A001	74.50	74.74	2841.500	2841.500	18.7236	48.00	45.04
S05-A002	74.74	73.73	2841.500	2841.500	23.1977	45.04	40.76
S05-A003	73.73	74.61	2841.500	2841.500	61.6166	40.76	35.18
S05-A004	74.61	73.71	2409.000	2409.000	162.4438	35.18	25.27
S05-B001	73.71	72.04	2409.000	2409.000	76.8436	25.27	22.46
S05-B002	72.04	72.06	2409.000	2409.000	114.5678	22.46	21.94
S05-B003	72.06	70.42	2409.000	2409.000	15.6451	21.94	20.36
S05-B004	70.42	71.58	2409.000	2409.000	26.5576	20.36	21.60
S05-C001	71.58	70.01	2409.000	2409.000	115.1421	21.60	20.55
S05-C002	70.01	63.70	2409.000	2409.000	43.6935	20.55	15.37
S05-D001	63.70	63.78	2409.000	2409.000	208.2485	15.37	20.52
S05-D002	63.78	62.45	2409.000	2409.000	54.1775	20.52	19.78
S05-E001	62.45	62.76	2409.000	2409.000	17.0485	19.78	20.36
S05-E002	62.76	61.75	2409.000	2409.000	85.3746	20.36	20.27
S05-E003	61.75	62.41	2409.000	2409.000	15.1254	20.27	21.15
S05-E004	62.41	61.34	2409.000	2409.000	43.6660	21.15	20.33
S05-F001	61.34	61.17	2409.000	2409.000	38.8702	20.33	20.56
S05-F002	61.17	61.26	2409.000	2409.000	73.8207	20.56	21.18
S05-F003	61.26	59.17	2409.000	2409.000	133.8292	21.18	20.22
S05-G001	59.17	58.64	2409.000	2409.000	140.8952	20.22	21.00
S05-G002	58.64	56.97	2409.000	2409.000	108.0603	21.00	20.32
S05-H001	56.97	59.80	2409.000	2409.000	87.9904	20.32	23.40
S05-H002	59.80	57.83	2409.000	2409.000	30.6705	23.40	21.01
S05-H003	57.83	59.35	2409.000	2409.000	22.1774	21.01	22.76
S05-H004	59.35	57.16	2409.000	2409.000	51.9347	22.76	20.36
S05-H005	57.16	58.68	2409.000	2409.000	53.4267	20.36	22.36
S05-H006	58.68	58.45	2409.000	2409.000	20.1428	22.36	22.01
S05-I001	58.45	57.91	2409.000	2409.000	10.4960	22.01	21.38
S05-I002	57.91	57.64	2409.000	2409.000	81.1681	21.38	21.38

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
S05-I003	57.64	57.26	2409.000	2409.000	25.6220	21.38	21.08
S05-I004	57.26	56.73	2409.000	2409.000	53.4476	21.08	20.90
S05-J001	56.73	55.23	2409.000	2409.000	65.6462	20.90	20.02
S05-J002	55.23	55.62	2409.000	2409.000	20.6639	20.02	20.81
S05-J003	55.62	54.65	2409.000	2409.000	29.1998	20.81	20.05
S05-L001	54.65	54.46	2409.000	2409.000	3.1142	20.05	19.87
S05-L002	54.46	54.69	2409.000	2409.000	54.2475	19.87	20.96
S05-L003	54.69	54.17	2409.000	2409.000	40.9738	20.96	20.78
P01-A001	75.00	74.64	9191.999	9191.999	132.8248	26.66	26.36
P01-A002	74.64	73.80	9191.999	9191.999	82.2373	26.36	25.62
P01-B001	73.80	73.82	9099.999	9099.999	50.6160	25.62	25.69
P01-B002	73.82	72.21	9099.999	9099.999	196.9197	25.69	24.46
P01-B003	72.21	71.49	9099.999	9099.999	77.7053	24.46	23.94
P01-C001	71.49	71.92	9099.999	9099.999	36.9150	23.94	24.48
P01-C002	71.92	70.18	9099.999	9099.999	239.9653	24.48	23.44
P01-D001	70.18	70.19	9099.999	9099.999	23.0940	23.44	23.53
P01-D002	70.19	67.87	9099.999	9100.000	281.0282	23.53	22.40
P01-E001	67.87	66.44	7300.000	7300.000	452.5122	22.40	22.75
P01-F001	66.44	65.40	7300.000	7300.000	299.5835	22.75	22.87
P01-G001	65.40	65.05	7300.000	7300.000	90.8267	22.87	22.86
P01-G002	65.05	63.05	7300.000	7300.000	164.6886	22.86	21.53
P01-G003	63.05	63.64	7300.000	7300.000	31.5381	21.53	22.37
P01-H001	63.64	63.46	7300.000	7300.000	127.3262	22.37	22.76
P01-H002	63.46	62.18	7300.000	7300.000	75.4070	22.76	21.74
P01-H003	62.18	63.07	7300.000	7300.000	234.4261	21.74	23.81
P01-H004	63.07	62.18	7300.000	7300.000	39.0630	23.81	22.95
P01-I001	62.17	61.72	7300.000	7300.000	86.4669	22.95	22.84
P01-I002	61.72	61.18	7300.000	7300.000	252.4942	22.84	23.37
P01-J001	61.18	60.91	5500.000	5500.000	29.6374	23.37	23.16
P01-J002	60.91	61.27	5500.000	5500.000	144.5382	23.16	23.95
P01-J003	61.27	61.06	5500.000	5500.000	27.0680	23.95	23.77
P01-L001	61.06	60.37	5500.000	5500.000	119.1768	23.77	23.30
S01-F002	87.95	86.90	10930.036	10930.036	164.3281	28.84	27.54
S01-A001	99.48	99.21	12280.035	12280.035	57.6749	48.00	47.05
N10-A004	96.90	95.83	26155.938	26155.938	279.7216	43.51	42.27
S01-E001	92.38	91.97	11362.535	11362.535	130.9484	34.48	33.38
S02-E001	86.70	88.66	10323.036	10323.037	239.7996	26.16	27.28
S02-F008	81.00	82.57	10323.039	10323.039	61.4853	22.03	23.45
S02-F001	84.38	85.19	10323.037	10323.038	60.8597	24.34	24.98
S02-F002	85.19	81.50	10323.038	10323.038	231.7486	24.98	21.91
S02-F003	81.50	82.91	10323.038	10323.039	235.2355	21.91	23.35
S02-F004	82.91	81.40	10323.039	10323.039	90.0996	23.35	22.12
S02-F005	81.40	82.30	10323.039	10323.039	95.7077	22.12	22.99
S02-F006	82.30	80.74	10323.039	10323.039	45.0414	22.99	21.68
S02-F007	80.74	81.00	10323.039	10323.039	74.4094	21.68	22.03
S02-F009	82.57	80.85	10323.039	10323.040	36.5705	23.45	21.98
N09_A001	99.99	100.11	26247.536	26247.536	121.6368	48.00	47.80
N09_A002	100.11	98.14	26247.536	26247.536	355.7017	47.80	45.57
N09_A003	98.14	97.28	26247.536	26247.536	608.1708	45.57	43.82
N09_A004	97.28	96.68	26247.536	26247.536	80.5687	43.82	43.24

Pipe Summary							
Pipe Name	Pressure		Flow		Inventory	Temperature	
	kg/cm2g		kSm3/d		KPM3	Deg C	
	Head	Tail	Head	Tail		Head	Tail
N09_A005	96.68	96.57	26247.536	26247.536	106.7778	43.24	42.99
N09_B001	96.57	96.38	26247.536	26247.536	130.3644	42.99	42.65
N09_B002	96.38	95.13	26247.536	26247.536	214.6493	42.65	41.40
N09_B003	95.13	95.40	26247.536	26247.536	98.8253	41.40	41.48
N09_B004	95.40	94.60	26247.536	26247.536	120.4201	41.48	40.72
N09_B005	94.60	94.39	26247.536	26247.536	191.8873	40.72	40.36
N09_B006	94.39	92.63	26247.536	26247.536	329.2914	40.36	38.68
N09_B007	92.63	91.56	26247.536	26247.536	423.5332	38.68	37.56
N09_C001	91.56	91.16	26247.536	26247.536	280.9030	37.56	37.11
N09_C002	91.16	88.60	26247.536	26247.536	453.1653	37.11	34.92
N09_C003	88.60	88.39	26247.536	26247.536	264.7725	34.92	34.76
N09_C004	88.39	87.28	26247.536	26247.536	123.4541	34.76	33.85
N09_C005	87.28	85.07	26247.536	26247.536	782.5318	33.85	32.30
N09_D001	85.07	84.85	26247.536	26247.536	138.9851	32.30	32.19
N09_D002	84.85	84.02	26247.536	26247.536	75.4570	32.19	31.52
N09_D003	84.02	83.94	26247.536	26247.536	229.5521	31.52	31.62
N09_D004	83.94	82.73	26247.536	26247.536	161.4440	31.62	30.70
N09_D005	82.73	82.89	26247.536	26247.536	85.8953	30.70	30.93
N09_D006	82.89	81.57	26247.536	26247.536	168.2899	30.93	29.94
N09_D007	81.57	81.75	26247.536	26247.536	131.0862	29.94	30.25
N09_D008	81.75	80.64	26247.536	26247.536	123.5857	30.25	29.41
N09_D009	80.64	80.41	26247.536	26247.536	120.0161	29.41	29.37

Pipe Quality Summary Report : 0.000000 hours

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
N01-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N01-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N02-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N02-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N02-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N02-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N02-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N03-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N03-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N03-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N03-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N03-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
N04-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-C003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N04-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-B004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N05-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N06-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N07-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-D002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N08-D003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-C003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-C004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-C005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-C006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-E002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-E003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-E004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
N11-A004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-B004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-C003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-C004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-C005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-D002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-D003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-D004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-E002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-E003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N11-E004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-E002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-F001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-G001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-G002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-H001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-I001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-I002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-I003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-J001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-J002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-J003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-K001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-K002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-B004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-B005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-C003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-C004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-C005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-E002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
S02-E003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-E004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-E005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-E006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-G001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-G002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-G003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-G004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-G005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-H001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-H002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-H003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-H004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-I001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-I002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-J001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-J002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-F001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-F002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-F003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-F004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-G001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-G002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-H001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-H002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-H003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-H004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-H005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-H006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-I001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-I002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-I003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-J001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-J002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-L001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-L002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-L003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-L004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-L005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-L006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-M001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S03-M002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
S03-M003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-A004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-A005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B007	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B008	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B009	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-B010	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-C003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-C004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-C005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-D002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-D003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-E007	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-F001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-F002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-F003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-G001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-G002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-G003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-H001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-H002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-H003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S04-H004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-A004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-B004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
S05-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-D002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-E002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-E003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-E004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-F001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-F002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-F003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-G001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-G002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-H001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-H002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-H003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-H004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-H005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-H006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-I001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-I002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-I003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-I004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-J001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-J002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-J003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-L001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-L002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S05-L003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-D002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-F001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-G001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-G002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-G003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-H001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-H002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-H003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-H004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-I001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-I002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-J001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-J002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary						
Pipe Name	Specific Gravity		Heating Value		Wobbe Index	
			MJ/m3		MJ/m3	
	Head	Tail	Head	Tail	Head	Tail
P01-J003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
P01-L001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-F002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N10-A004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S01-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-E001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F008	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F007	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
S02-F009	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_A001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_A002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_A003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_A004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_A005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_B007	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_C001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_C002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_C003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_C004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_C005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D001	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D002	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D003	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D004	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D005	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D006	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D007	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D008	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753
N09_D009	0.6325	0.6325	35.9734	35.9734	50.0753	50.0753

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
N01-A001	18.3194	18.3194
N01-B001	18.3194	18.3194
N02-A001	18.3194	18.3194

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
N02-B001	18.3194	18.3194
N02-C001	18.3194	18.3194
N02-D001	18.3194	18.3194
N02-E001	18.3194	18.3194
N03-A001	18.3194	18.3194
N03-B001	18.3194	18.3194
N03-C001	18.3194	18.3194
N03-D001	18.3194	18.3194
N03-E001	18.3194	18.3194
N04-A001	18.3194	18.3194
N04-A002	18.3194	18.3194
N04-A003	18.3194	18.3194
N04-B001	18.3194	18.3194
N04-C001	18.3194	18.3194
N04-C002	18.3194	18.3194
N04-C003	18.3194	18.3194
N04-D001	18.3194	18.3194
N05-A001	18.3194	18.3194
N05-B001	18.3194	18.3194
N05-B002	18.3194	18.3194
N05-B003	18.3194	18.3194
N05-B004	18.3194	18.3194
N05-C001	18.3194	18.3194
N05-D001	18.3194	18.3194
N06-A001	18.3194	18.3194
N06-A002	18.3194	18.3194
N06-B001	18.3194	18.3194
N06-B002	18.3194	18.3194
N06-C001	18.3194	18.3194
N06-D001	18.3194	18.3194
N06-E001	18.3194	18.3194
N07-A001	18.3194	18.3194
N07-B001	18.3194	18.3194
N07-B002	18.3194	18.3194
N07-C001	18.3194	18.3194
N07-C002	18.3194	18.3194
N07-D001	18.3194	18.3194
N07-E001	18.3194	18.3194
N08-A001	18.3194	18.3194
N08-B001	18.3194	18.3194
N08-B002	18.3194	18.3194
N08-C001	18.3194	18.3194
N08-C002	18.3194	18.3194
N08-D001	18.3194	18.3194
N08-D002	18.3194	18.3194
N08-D003	18.3194	18.3194
N10-A001	18.3194	18.3194
N10-A002	18.3194	18.3194
N10-A003	18.3194	18.3194
N10-B001	18.3194	18.3194
N10-C001	18.3194	18.3194

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
N10-C002	18.3194	18.3194
N10-C003	18.3194	18.3194
N10-C004	18.3194	18.3194
N10-C005	18.3194	18.3194
N10-C006	18.3194	18.3194
N10-D001	18.3194	18.3194
N10-E001	18.3194	18.3194
N10-E002	18.3194	18.3194
N10-E003	18.3194	18.3194
N10-E004	18.3194	18.3194
N11-A001	18.3194	18.3194
N11-A002	18.3194	18.3194
N11-A003	18.3194	18.3194
N11-A004	18.3194	18.3194
N11-B001	18.3194	18.3194
N11-B002	18.3194	18.3194
N11-B003	18.3194	18.3194
N11-B004	18.3194	18.3194
N11-C001	18.3194	18.3194
N11-C002	18.3194	18.3194
N11-C003	18.3194	18.3194
N11-C004	18.3194	18.3194
N11-C005	18.3194	18.3194
N11-D001	18.3194	18.3194
N11-D002	18.3194	18.3194
N11-D003	18.3194	18.3194
N11-D004	18.3194	18.3194
N11-E001	18.3194	18.3194
N11-E002	18.3194	18.3194
N11-E003	18.3194	18.3194
N11-E004	18.3194	18.3194
S01-A002	18.3194	18.3194
S01-B001	18.3194	18.3194
S01-B002	18.3194	18.3194
S01-C001	18.3194	18.3194
S01-C002	18.3194	18.3194
S01-D001	18.3194	18.3194
S01-E002	18.3194	18.3194
S01-F001	18.3194	18.3194
S01-G001	18.3194	18.3194
S01-G002	18.3194	18.3194
S01-H001	18.3194	18.3194
S01-I001	18.3194	18.3194
S01-I002	18.3194	18.3194
S01-I003	18.3194	18.3194
S01-J001	18.3194	18.3194
S01-J002	18.3194	18.3194
S01-J003	18.3194	18.3194
S01-K001	18.3194	18.3194
S01-K002	18.3194	18.3194
S02-A001	18.3194	18.3194

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
S02-B001	18.3194	18.3194
S02-B002	18.3194	18.3194
S02-B003	18.3194	18.3194
S02-B004	18.3194	18.3194
S02-B005	18.3194	18.3194
S02-C001	18.3194	18.3194
S02-C002	18.3194	18.3194
S02-C003	18.3194	18.3194
S02-C004	18.3194	18.3194
S02-C005	18.3194	18.3194
S02-D001	18.3194	18.3194
S02-E002	18.3194	18.3194
S02-E003	18.3194	18.3194
S02-E004	18.3194	18.3194
S02-E005	18.3194	18.3194
S02-E006	18.3194	18.3194
S02-G001	18.3194	18.3194
S02-G002	18.3194	18.3194
S02-G003	18.3194	18.3194
S02-G004	18.3194	18.3194
S02-G005	18.3194	18.3194
S02-H001	18.3194	18.3194
S02-H002	18.3194	18.3194
S02-H003	18.3194	18.3194
S02-H004	18.3194	18.3194
S02-I001	18.3194	18.3194
S02-I002	18.3194	18.3194
S02-J001	18.3194	18.3194
S02-J002	18.3194	18.3194
S03-A001	18.3194	18.3194
S03-A002	18.3194	18.3194
S03-A003	18.3194	18.3194
S03-B001	18.3194	18.3194
S03-C001	18.3194	18.3194
S03-C002	18.3194	18.3194
S03-D001	18.3194	18.3194
S03-E001	18.3194	18.3194
S03-F001	18.3194	18.3194
S03-F002	18.3194	18.3194
S03-F003	18.3194	18.3194
S03-F004	18.3194	18.3194
S03-G001	18.3194	18.3194
S03-G002	18.3194	18.3194
S03-H001	18.3194	18.3194
S03-H002	18.3194	18.3194
S03-H003	18.3194	18.3194
S03-H004	18.3194	18.3194
S03-H005	18.3194	18.3194
S03-H006	18.3194	18.3194
S03-I001	18.3194	18.3194
S03-I002	18.3194	18.3194

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
S03-I003	18.3194	18.3194
S03-J001	18.3194	18.3194
S03-J002	18.3194	18.3194
S03-L001	18.3194	18.3194
S03-L002	18.3194	18.3194
S03-L003	18.3194	18.3194
S03-L004	18.3194	18.3194
S03-L005	18.3194	18.3194
S03-L006	18.3194	18.3194
S03-M001	18.3194	18.3194
S03-M002	18.3194	18.3194
S03-M003	18.3194	18.3194
S04-A001	18.3194	18.3194
S04-A002	18.3194	18.3194
S04-A003	18.3194	18.3194
S04-A004	18.3194	18.3194
S04-A005	18.3194	18.3194
S04-B001	18.3194	18.3194
S04-B002	18.3194	18.3194
S04-B003	18.3194	18.3194
S04-B004	18.3194	18.3194
S04-B005	18.3194	18.3194
S04-B006	18.3194	18.3194
S04-B007	18.3194	18.3194
S04-B008	18.3194	18.3194
S04-B009	18.3194	18.3194
S04-B010	18.3194	18.3194
S04-C001	18.3194	18.3194
S04-C002	18.3194	18.3194
S04-C003	18.3194	18.3194
S04-C004	18.3194	18.3194
S04-C005	18.3194	18.3194
S04-D001	18.3194	18.3194
S04-D002	18.3194	18.3194
S04-D003	18.3194	18.3194
S04-E001	18.3194	18.3194
S04-E002	18.3194	18.3194
S04-E003	18.3194	18.3194
S04-E004	18.3194	18.3194
S04-E005	18.3194	18.3194
S04-E006	18.3194	18.3194
S04-E007	18.3194	18.3194
S04-F001	18.3194	18.3194
S04-F002	18.3194	18.3194
S04-F003	18.3194	18.3194
S04-G001	18.3194	18.3194
S04-G002	18.3194	18.3194
S04-G003	18.3194	18.3194
S04-H001	18.3194	18.3194
S04-H002	18.3194	18.3194
S04-H003	18.3194	18.3194

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
S04-H004	18.3194	18.3194
S05-A001	18.3194	18.3194
S05-A002	18.3194	18.3194
S05-A003	18.3194	18.3194
S05-A004	18.3194	18.3194
S05-B001	18.3194	18.3194
S05-B002	18.3194	18.3194
S05-B003	18.3194	18.3194
S05-B004	18.3194	18.3194
S05-C001	18.3194	18.3194
S05-C002	18.3194	18.3194
S05-D001	18.3194	18.3194
S05-D002	18.3194	18.3194
S05-E001	18.3194	18.3194
S05-E002	18.3194	18.3194
S05-E003	18.3194	18.3194
S05-E004	18.3194	18.3194
S05-F001	18.3194	18.3194
S05-F002	18.3194	18.3194
S05-F003	18.3194	18.3194
S05-G001	18.3194	18.3194
S05-G002	18.3194	18.3194
S05-H001	18.3194	18.3194
S05-H002	18.3194	18.3194
S05-H003	18.3194	18.3194
S05-H004	18.3194	18.3194
S05-H005	18.3194	18.3194
S05-H006	18.3194	18.3194
S05-I001	18.3194	18.3194
S05-I002	18.3194	18.3194
S05-I003	18.3194	18.3194
S05-I004	18.3194	18.3194
S05-J001	18.3194	18.3194
S05-J002	18.3194	18.3194
S05-J003	18.3194	18.3194
S05-L001	18.3194	18.3194
S05-L002	18.3194	18.3194
S05-L003	18.3194	18.3194
P01-A001	18.3194	18.3194
P01-A002	18.3194	18.3194
P01-B001	18.3194	18.3194
P01-B002	18.3194	18.3194
P01-B003	18.3194	18.3194
P01-C001	18.3194	18.3194
P01-C002	18.3194	18.3194
P01-D001	18.3194	18.3194
P01-D002	18.3194	18.3194
P01-E001	18.3194	18.3194
P01-F001	18.3194	18.3194
P01-G001	18.3194	18.3194
P01-G002	18.3194	18.3194

Pipe Quality Summary		
Pipe Name	Molecular Weight	
	Head	Tail
P01-G003	18.3194	18.3194
P01-H001	18.3194	18.3194
P01-H002	18.3194	18.3194
P01-H003	18.3194	18.3194
P01-H004	18.3194	18.3194
P01-I001	18.3194	18.3194
P01-I002	18.3194	18.3194
P01-J001	18.3194	18.3194
P01-J002	18.3194	18.3194
P01-J003	18.3194	18.3194
P01-L001	18.3194	18.3194
S01-F002	18.3194	18.3194
S01-A001	18.3194	18.3194
N10-A004	18.3194	18.3194
S01-E001	18.3194	18.3194
S02-E001	18.3194	18.3194
S02-F008	18.3194	18.3194
S02-F001	18.3194	18.3194
S02-F002	18.3194	18.3194
S02-F003	18.3194	18.3194
S02-F004	18.3194	18.3194
S02-F005	18.3194	18.3194
S02-F006	18.3194	18.3194
S02-F007	18.3194	18.3194
S02-F009	18.3194	18.3194
N09_A001	18.3194	18.3194
N09_A002	18.3194	18.3194
N09_A003	18.3194	18.3194
N09_A004	18.3194	18.3194
N09_A005	18.3194	18.3194
N09_B001	18.3194	18.3194
N09_B002	18.3194	18.3194
N09_B003	18.3194	18.3194
N09_B004	18.3194	18.3194
N09_B005	18.3194	18.3194
N09_B006	18.3194	18.3194
N09_B007	18.3194	18.3194
N09_C001	18.3194	18.3194
N09_C002	18.3194	18.3194
N09_C003	18.3194	18.3194
N09_C004	18.3194	18.3194
N09_C005	18.3194	18.3194
N09_D001	18.3194	18.3194
N09_D002	18.3194	18.3194
N09_D003	18.3194	18.3194
N09_D004	18.3194	18.3194
N09_D005	18.3194	18.3194
N09_D006	18.3194	18.3194
N09_D007	18.3194	18.3194
N09_D008	18.3194	18.3194
N09_D009	18.3194	18.3194

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N01-A001	89.20	89.20	5.90	5.90	1.81	1.81
N01-B001	89.20	89.20	5.90	5.90	1.81	1.81
N02-A001	89.20	89.20	5.90	5.90	1.81	1.81
N02-B001	89.20	89.20	5.90	5.90	1.81	1.81
N02-C001	89.20	89.20	5.90	5.90	1.81	1.81
N02-D001	89.20	89.20	5.90	5.90	1.81	1.81
N02-E001	89.20	89.20	5.90	5.90	1.81	1.81
N03-A001	89.20	89.20	5.90	5.90	1.81	1.81
N03-B001	89.20	89.20	5.90	5.90	1.81	1.81
N03-C001	89.20	89.20	5.90	5.90	1.81	1.81
N03-D001	89.20	89.20	5.90	5.90	1.81	1.81
N03-E001	89.20	89.20	5.90	5.90	1.81	1.81
N04-A001	89.20	89.20	5.90	5.90	1.81	1.81
N04-A002	89.20	89.20	5.90	5.90	1.81	1.81
N04-A003	89.20	89.20	5.90	5.90	1.81	1.81
N04-B001	89.20	89.20	5.90	5.90	1.81	1.81
N04-C001	89.20	89.20	5.90	5.90	1.81	1.81
N04-C002	89.20	89.20	5.90	5.90	1.81	1.81
N04-C003	89.20	89.20	5.90	5.90	1.81	1.81
N04-D001	89.20	89.20	5.90	5.90	1.81	1.81
N05-A001	89.20	89.20	5.90	5.90	1.81	1.81
N05-B001	89.20	89.20	5.90	5.90	1.81	1.81
N05-B002	89.20	89.20	5.90	5.90	1.81	1.81
N05-B003	89.20	89.20	5.90	5.90	1.81	1.81
N05-B004	89.20	89.20	5.90	5.90	1.81	1.81
N05-C001	89.20	89.20	5.90	5.90	1.81	1.81
N05-D001	89.20	89.20	5.90	5.90	1.81	1.81
N06-A001	89.20	89.20	5.90	5.90	1.81	1.81
N06-A002	89.20	89.20	5.90	5.90	1.81	1.81
N06-B001	89.20	89.20	5.90	5.90	1.81	1.81
N06-B002	89.20	89.20	5.90	5.90	1.81	1.81
N06-C001	89.20	89.20	5.90	5.90	1.81	1.81
N06-D001	89.20	89.20	5.90	5.90	1.81	1.81
N06-E001	89.20	89.20	5.90	5.90	1.81	1.81
N07-A001	89.20	89.20	5.90	5.90	1.81	1.81
N07-B001	89.20	89.20	5.90	5.90	1.81	1.81
N07-B002	89.20	89.20	5.90	5.90	1.81	1.81
N07-C001	89.20	89.20	5.90	5.90	1.81	1.81
N07-C002	89.20	89.20	5.90	5.90	1.81	1.81
N07-D001	89.20	89.20	5.90	5.90	1.81	1.81
N07-E001	89.20	89.20	5.90	5.90	1.81	1.81
N08-A001	89.20	89.20	5.90	5.90	1.81	1.81
N08-B001	89.20	89.20	5.90	5.90	1.81	1.81
N08-B002	89.20	89.20	5.90	5.90	1.81	1.81
N08-C001	89.20	89.20	5.90	5.90	1.81	1.81
N08-C002	89.20	89.20	5.90	5.90	1.81	1.81
N08-D001	89.20	89.20	5.90	5.90	1.81	1.81
N08-D002	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N08-D003	89.20	89.20	5.90	5.90	1.81	1.81
N10-A001	89.20	89.20	5.90	5.90	1.81	1.81
N10-A002	89.20	89.20	5.90	5.90	1.81	1.81
N10-A003	89.20	89.20	5.90	5.90	1.81	1.81
N10-B001	89.20	89.20	5.90	5.90	1.81	1.81
N10-C001	89.20	89.20	5.90	5.90	1.81	1.81
N10-C002	89.20	89.20	5.90	5.90	1.81	1.81
N10-C003	89.20	89.20	5.90	5.90	1.81	1.81
N10-C004	89.20	89.20	5.90	5.90	1.81	1.81
N10-C005	89.20	89.20	5.90	5.90	1.81	1.81
N10-C006	89.20	89.20	5.90	5.90	1.81	1.81
N10-D001	89.20	89.20	5.90	5.90	1.81	1.81
N10-E001	89.20	89.20	5.90	5.90	1.81	1.81
N10-E002	89.20	89.20	5.90	5.90	1.81	1.81
N10-E003	89.20	89.20	5.90	5.90	1.81	1.81
N10-E004	89.20	89.20	5.90	5.90	1.81	1.81
N11-A001	89.20	89.20	5.90	5.90	1.81	1.81
N11-A002	89.20	89.20	5.90	5.90	1.81	1.81
N11-A003	89.20	89.20	5.90	5.90	1.81	1.81
N11-A004	89.20	89.20	5.90	5.90	1.81	1.81
N11-B001	89.20	89.20	5.90	5.90	1.81	1.81
N11-B002	89.20	89.20	5.90	5.90	1.81	1.81
N11-B003	89.20	89.20	5.90	5.90	1.81	1.81
N11-B004	89.20	89.20	5.90	5.90	1.81	1.81
N11-C001	89.20	89.20	5.90	5.90	1.81	1.81
N11-C002	89.20	89.20	5.90	5.90	1.81	1.81
N11-C003	89.20	89.20	5.90	5.90	1.81	1.81
N11-C004	89.20	89.20	5.90	5.90	1.81	1.81
N11-C005	89.20	89.20	5.90	5.90	1.81	1.81
N11-D001	89.20	89.20	5.90	5.90	1.81	1.81
N11-D002	89.20	89.20	5.90	5.90	1.81	1.81
N11-D003	89.20	89.20	5.90	5.90	1.81	1.81
N11-D004	89.20	89.20	5.90	5.90	1.81	1.81
N11-E001	89.20	89.20	5.90	5.90	1.81	1.81
N11-E002	89.20	89.20	5.90	5.90	1.81	1.81
N11-E003	89.20	89.20	5.90	5.90	1.81	1.81
N11-E004	89.20	89.20	5.90	5.90	1.81	1.81
S01-A002	89.20	89.20	5.90	5.90	1.81	1.81
S01-B001	89.20	89.20	5.90	5.90	1.81	1.81
S01-B002	89.20	89.20	5.90	5.90	1.81	1.81
S01-C001	89.20	89.20	5.90	5.90	1.81	1.81
S01-C002	89.20	89.20	5.90	5.90	1.81	1.81
S01-D001	89.20	89.20	5.90	5.90	1.81	1.81
S01-E002	89.20	89.20	5.90	5.90	1.81	1.81
S01-F001	89.20	89.20	5.90	5.90	1.81	1.81
S01-G001	89.20	89.20	5.90	5.90	1.81	1.81
S01-G002	89.20	89.20	5.90	5.90	1.81	1.81
S01-H001	89.20	89.20	5.90	5.90	1.81	1.81
S01-I001	89.20	89.20	5.90	5.90	1.81	1.81
S01-I002	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S01-I003	89.20	89.20	5.90	5.90	1.81	1.81
S01-J001	89.20	89.20	5.90	5.90	1.81	1.81
S01-J002	89.20	89.20	5.90	5.90	1.81	1.81
S01-J003	89.20	89.20	5.90	5.90	1.81	1.81
S01-K001	89.20	89.20	5.90	5.90	1.81	1.81
S01-K002	89.20	89.20	5.90	5.90	1.81	1.81
S02-A001	89.20	89.20	5.90	5.90	1.81	1.81
S02-B001	89.20	89.20	5.90	5.90	1.81	1.81
S02-B002	89.20	89.20	5.90	5.90	1.81	1.81
S02-B003	89.20	89.20	5.90	5.90	1.81	1.81
S02-B004	89.20	89.20	5.90	5.90	1.81	1.81
S02-B005	89.20	89.20	5.90	5.90	1.81	1.81
S02-C001	89.20	89.20	5.90	5.90	1.81	1.81
S02-C002	89.20	89.20	5.90	5.90	1.81	1.81
S02-C003	89.20	89.20	5.90	5.90	1.81	1.81
S02-C004	89.20	89.20	5.90	5.90	1.81	1.81
S02-C005	89.20	89.20	5.90	5.90	1.81	1.81
S02-D001	89.20	89.20	5.90	5.90	1.81	1.81
S02-E002	89.20	89.20	5.90	5.90	1.81	1.81
S02-E003	89.20	89.20	5.90	5.90	1.81	1.81
S02-E004	89.20	89.20	5.90	5.90	1.81	1.81
S02-E005	89.20	89.20	5.90	5.90	1.81	1.81
S02-E006	89.20	89.20	5.90	5.90	1.81	1.81
S02-G001	89.20	89.20	5.90	5.90	1.81	1.81
S02-G002	89.20	89.20	5.90	5.90	1.81	1.81
S02-G003	89.20	89.20	5.90	5.90	1.81	1.81
S02-G004	89.20	89.20	5.90	5.90	1.81	1.81
S02-G005	89.20	89.20	5.90	5.90	1.81	1.81
S02-H001	89.20	89.20	5.90	5.90	1.81	1.81
S02-H002	89.20	89.20	5.90	5.90	1.81	1.81
S02-H003	89.20	89.20	5.90	5.90	1.81	1.81
S02-H004	89.20	89.20	5.90	5.90	1.81	1.81
S02-I001	89.20	89.20	5.90	5.90	1.81	1.81
S02-I002	89.20	89.20	5.90	5.90	1.81	1.81
S02-J001	89.20	89.20	5.90	5.90	1.81	1.81
S02-J002	89.20	89.20	5.90	5.90	1.81	1.81
S03-A001	89.20	89.20	5.90	5.90	1.81	1.81
S03-A002	89.20	89.20	5.90	5.90	1.81	1.81
S03-A003	89.20	89.20	5.90	5.90	1.81	1.81
S03-B001	89.20	89.20	5.90	5.90	1.81	1.81
S03-C001	89.20	89.20	5.90	5.90	1.81	1.81
S03-C002	89.20	89.20	5.90	5.90	1.81	1.81
S03-D001	89.20	89.20	5.90	5.90	1.81	1.81
S03-E001	89.20	89.20	5.90	5.90	1.81	1.81
S03-F001	89.20	89.20	5.90	5.90	1.81	1.81
S03-F002	89.20	89.20	5.90	5.90	1.81	1.81
S03-F003	89.20	89.20	5.90	5.90	1.81	1.81
S03-F004	89.20	89.20	5.90	5.90	1.81	1.81
S03-G001	89.20	89.20	5.90	5.90	1.81	1.81
S03-G002	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S03-H001	89.20	89.20	5.90	5.90	1.81	1.81
S03-H002	89.20	89.20	5.90	5.90	1.81	1.81
S03-H003	89.20	89.20	5.90	5.90	1.81	1.81
S03-H004	89.20	89.20	5.90	5.90	1.81	1.81
S03-H005	89.20	89.20	5.90	5.90	1.81	1.81
S03-H006	89.20	89.20	5.90	5.90	1.81	1.81
S03-I001	89.20	89.20	5.90	5.90	1.81	1.81
S03-I002	89.20	89.20	5.90	5.90	1.81	1.81
S03-I003	89.20	89.20	5.90	5.90	1.81	1.81
S03-J001	89.20	89.20	5.90	5.90	1.81	1.81
S03-J002	89.20	89.20	5.90	5.90	1.81	1.81
S03-L001	89.20	89.20	5.90	5.90	1.81	1.81
S03-L002	89.20	89.20	5.90	5.90	1.81	1.81
S03-L003	89.20	89.20	5.90	5.90	1.81	1.81
S03-L004	89.20	89.20	5.90	5.90	1.81	1.81
S03-L005	89.20	89.20	5.90	5.90	1.81	1.81
S03-L006	89.20	89.20	5.90	5.90	1.81	1.81
S03-M001	89.20	89.20	5.90	5.90	1.81	1.81
S03-M002	89.20	89.20	5.90	5.90	1.81	1.81
S03-M003	89.20	89.20	5.90	5.90	1.81	1.81
S04-A001	89.20	89.20	5.90	5.90	1.81	1.81
S04-A002	89.20	89.20	5.90	5.90	1.81	1.81
S04-A003	89.20	89.20	5.90	5.90	1.81	1.81
S04-A004	89.20	89.20	5.90	5.90	1.81	1.81
S04-A005	89.20	89.20	5.90	5.90	1.81	1.81
S04-B001	89.20	89.20	5.90	5.90	1.81	1.81
S04-B002	89.20	89.20	5.90	5.90	1.81	1.81
S04-B003	89.20	89.20	5.90	5.90	1.81	1.81
S04-B004	89.20	89.20	5.90	5.90	1.81	1.81
S04-B005	89.20	89.20	5.90	5.90	1.81	1.81
S04-B006	89.20	89.20	5.90	5.90	1.81	1.81
S04-B007	89.20	89.20	5.90	5.90	1.81	1.81
S04-B008	89.20	89.20	5.90	5.90	1.81	1.81
S04-B009	89.20	89.20	5.90	5.90	1.81	1.81
S04-B010	89.20	89.20	5.90	5.90	1.81	1.81
S04-C001	89.20	89.20	5.90	5.90	1.81	1.81
S04-C002	89.20	89.20	5.90	5.90	1.81	1.81
S04-C003	89.20	89.20	5.90	5.90	1.81	1.81
S04-C004	89.20	89.20	5.90	5.90	1.81	1.81
S04-C005	89.20	89.20	5.90	5.90	1.81	1.81
S04-D001	89.20	89.20	5.90	5.90	1.81	1.81
S04-D002	89.20	89.20	5.90	5.90	1.81	1.81
S04-D003	89.20	89.20	5.90	5.90	1.81	1.81
S04-E001	89.20	89.20	5.90	5.90	1.81	1.81
S04-E002	89.20	89.20	5.90	5.90	1.81	1.81
S04-E003	89.20	89.20	5.90	5.90	1.81	1.81
S04-E004	89.20	89.20	5.90	5.90	1.81	1.81
S04-E005	89.20	89.20	5.90	5.90	1.81	1.81
S04-E006	89.20	89.20	5.90	5.90	1.81	1.81
S04-E007	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S04-F001	89.20	89.20	5.90	5.90	1.81	1.81
S04-F002	89.20	89.20	5.90	5.90	1.81	1.81
S04-F003	89.20	89.20	5.90	5.90	1.81	1.81
S04-G001	89.20	89.20	5.90	5.90	1.81	1.81
S04-G002	89.20	89.20	5.90	5.90	1.81	1.81
S04-G003	89.20	89.20	5.90	5.90	1.81	1.81
S04-H001	89.20	89.20	5.90	5.90	1.81	1.81
S04-H002	89.20	89.20	5.90	5.90	1.81	1.81
S04-H003	89.20	89.20	5.90	5.90	1.81	1.81
S04-H004	89.20	89.20	5.90	5.90	1.81	1.81
S05-A001	89.20	89.20	5.90	5.90	1.81	1.81
S05-A002	89.20	89.20	5.90	5.90	1.81	1.81
S05-A003	89.20	89.20	5.90	5.90	1.81	1.81
S05-A004	89.20	89.20	5.90	5.90	1.81	1.81
S05-B001	89.20	89.20	5.90	5.90	1.81	1.81
S05-B002	89.20	89.20	5.90	5.90	1.81	1.81
S05-B003	89.20	89.20	5.90	5.90	1.81	1.81
S05-B004	89.20	89.20	5.90	5.90	1.81	1.81
S05-C001	89.20	89.20	5.90	5.90	1.81	1.81
S05-C002	89.20	89.20	5.90	5.90	1.81	1.81
S05-D001	89.20	89.20	5.90	5.90	1.81	1.81
S05-D002	89.20	89.20	5.90	5.90	1.81	1.81
S05-E001	89.20	89.20	5.90	5.90	1.81	1.81
S05-E002	89.20	89.20	5.90	5.90	1.81	1.81
S05-E003	89.20	89.20	5.90	5.90	1.81	1.81
S05-E004	89.20	89.20	5.90	5.90	1.81	1.81
S05-F001	89.20	89.20	5.90	5.90	1.81	1.81
S05-F002	89.20	89.20	5.90	5.90	1.81	1.81
S05-F003	89.20	89.20	5.90	5.90	1.81	1.81
S05-G001	89.20	89.20	5.90	5.90	1.81	1.81
S05-G002	89.20	89.20	5.90	5.90	1.81	1.81
S05-H001	89.20	89.20	5.90	5.90	1.81	1.81
S05-H002	89.20	89.20	5.90	5.90	1.81	1.81
S05-H003	89.20	89.20	5.90	5.90	1.81	1.81
S05-H004	89.20	89.20	5.90	5.90	1.81	1.81
S05-H005	89.20	89.20	5.90	5.90	1.81	1.81
S05-H006	89.20	89.20	5.90	5.90	1.81	1.81
S05-I001	89.20	89.20	5.90	5.90	1.81	1.81
S05-I002	89.20	89.20	5.90	5.90	1.81	1.81
S05-I003	89.20	89.20	5.90	5.90	1.81	1.81
S05-I004	89.20	89.20	5.90	5.90	1.81	1.81
S05-J001	89.20	89.20	5.90	5.90	1.81	1.81
S05-J002	89.20	89.20	5.90	5.90	1.81	1.81
S05-J003	89.20	89.20	5.90	5.90	1.81	1.81
S05-L001	89.20	89.20	5.90	5.90	1.81	1.81
S05-L002	89.20	89.20	5.90	5.90	1.81	1.81
S05-L003	89.20	89.20	5.90	5.90	1.81	1.81
P01-A001	89.20	89.20	5.90	5.90	1.81	1.81
P01-A002	89.20	89.20	5.90	5.90	1.81	1.81
P01-B001	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
P01-B002	89.20	89.20	5.90	5.90	1.81	1.81
P01-B003	89.20	89.20	5.90	5.90	1.81	1.81
P01-C001	89.20	89.20	5.90	5.90	1.81	1.81
P01-C002	89.20	89.20	5.90	5.90	1.81	1.81
P01-D001	89.20	89.20	5.90	5.90	1.81	1.81
P01-D002	89.20	89.20	5.90	5.90	1.81	1.81
P01-E001	89.20	89.20	5.90	5.90	1.81	1.81
P01-F001	89.20	89.20	5.90	5.90	1.81	1.81
P01-G001	89.20	89.20	5.90	5.90	1.81	1.81
P01-G002	89.20	89.20	5.90	5.90	1.81	1.81
P01-G003	89.20	89.20	5.90	5.90	1.81	1.81
P01-H001	89.20	89.20	5.90	5.90	1.81	1.81
P01-H002	89.20	89.20	5.90	5.90	1.81	1.81
P01-H003	89.20	89.20	5.90	5.90	1.81	1.81
P01-H004	89.20	89.20	5.90	5.90	1.81	1.81
P01-I001	89.20	89.20	5.90	5.90	1.81	1.81
P01-I002	89.20	89.20	5.90	5.90	1.81	1.81
P01-J001	89.20	89.20	5.90	5.90	1.81	1.81
P01-J002	89.20	89.20	5.90	5.90	1.81	1.81
P01-J003	89.20	89.20	5.90	5.90	1.81	1.81
P01-L001	89.20	89.20	5.90	5.90	1.81	1.81
S01-F002	89.20	89.20	5.90	5.90	1.81	1.81
S01-A001	89.20	89.20	5.90	5.90	1.81	1.81
N10-A004	89.20	89.20	5.90	5.90	1.81	1.81
S01-E001	89.20	89.20	5.90	5.90	1.81	1.81
S02-E001	89.20	89.20	5.90	5.90	1.81	1.81
S02-F008	89.20	89.20	5.90	5.90	1.81	1.81
S02-F001	89.20	89.20	5.90	5.90	1.81	1.81
S02-F002	89.20	89.20	5.90	5.90	1.81	1.81
S02-F003	89.20	89.20	5.90	5.90	1.81	1.81
S02-F004	89.20	89.20	5.90	5.90	1.81	1.81
S02-F005	89.20	89.20	5.90	5.90	1.81	1.81
S02-F006	89.20	89.20	5.90	5.90	1.81	1.81
S02-F007	89.20	89.20	5.90	5.90	1.81	1.81
S02-F009	89.20	89.20	5.90	5.90	1.81	1.81
N09_A001	89.20	89.20	5.90	5.90	1.81	1.81
N09_A002	89.20	89.20	5.90	5.90	1.81	1.81
N09_A003	89.20	89.20	5.90	5.90	1.81	1.81
N09_A004	89.20	89.20	5.90	5.90	1.81	1.81
N09_A005	89.20	89.20	5.90	5.90	1.81	1.81
N09_B001	89.20	89.20	5.90	5.90	1.81	1.81
N09_B002	89.20	89.20	5.90	5.90	1.81	1.81
N09_B003	89.20	89.20	5.90	5.90	1.81	1.81
N09_B004	89.20	89.20	5.90	5.90	1.81	1.81
N09_B005	89.20	89.20	5.90	5.90	1.81	1.81
N09_B006	89.20	89.20	5.90	5.90	1.81	1.81
N09_B007	89.20	89.20	5.90	5.90	1.81	1.81
N09_C001	89.20	89.20	5.90	5.90	1.81	1.81
N09_C002	89.20	89.20	5.90	5.90	1.81	1.81
N09_C003	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	C1		C2		C3	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N09_C004	89.20	89.20	5.90	5.90	1.81	1.81
N09_C005	89.20	89.20	5.90	5.90	1.81	1.81
N09_D001	89.20	89.20	5.90	5.90	1.81	1.81
N09_D002	89.20	89.20	5.90	5.90	1.81	1.81
N09_D003	89.20	89.20	5.90	5.90	1.81	1.81
N09_D004	89.20	89.20	5.90	5.90	1.81	1.81
N09_D005	89.20	89.20	5.90	5.90	1.81	1.81
N09_D006	89.20	89.20	5.90	5.90	1.81	1.81
N09_D007	89.20	89.20	5.90	5.90	1.81	1.81
N09_D008	89.20	89.20	5.90	5.90	1.81	1.81
N09_D009	89.20	89.20	5.90	5.90	1.81	1.81

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N01-A001	0.29	0.29	0.40	0.40	0.12	0.12
N01-B001	0.29	0.29	0.40	0.40	0.12	0.12
N02-A001	0.29	0.29	0.40	0.40	0.12	0.12
N02-B001	0.29	0.29	0.40	0.40	0.12	0.12
N02-C001	0.29	0.29	0.40	0.40	0.12	0.12
N02-D001	0.29	0.29	0.40	0.40	0.12	0.12
N02-E001	0.29	0.29	0.40	0.40	0.12	0.12
N03-A001	0.29	0.29	0.40	0.40	0.12	0.12
N03-B001	0.29	0.29	0.40	0.40	0.12	0.12
N03-C001	0.29	0.29	0.40	0.40	0.12	0.12
N03-D001	0.29	0.29	0.40	0.40	0.12	0.12
N03-E001	0.29	0.29	0.40	0.40	0.12	0.12
N04-A001	0.29	0.29	0.40	0.40	0.12	0.12
N04-A002	0.29	0.29	0.40	0.40	0.12	0.12
N04-A003	0.29	0.29	0.40	0.40	0.12	0.12
N04-B001	0.29	0.29	0.40	0.40	0.12	0.12
N04-C001	0.29	0.29	0.40	0.40	0.12	0.12
N04-C002	0.29	0.29	0.40	0.40	0.12	0.12
N04-C003	0.29	0.29	0.40	0.40	0.12	0.12
N04-D001	0.29	0.29	0.40	0.40	0.12	0.12
N05-A001	0.29	0.29	0.40	0.40	0.12	0.12
N05-B001	0.29	0.29	0.40	0.40	0.12	0.12
N05-B002	0.29	0.29	0.40	0.40	0.12	0.12
N05-B003	0.29	0.29	0.40	0.40	0.12	0.12
N05-B004	0.29	0.29	0.40	0.40	0.12	0.12
N05-C001	0.29	0.29	0.40	0.40	0.12	0.12
N05-D001	0.29	0.29	0.40	0.40	0.12	0.12
N06-A001	0.29	0.29	0.40	0.40	0.12	0.12
N06-A002	0.29	0.29	0.40	0.40	0.12	0.12
N06-B001	0.29	0.29	0.40	0.40	0.12	0.12
N06-B002	0.29	0.29	0.40	0.40	0.12	0.12
N06-C001	0.29	0.29	0.40	0.40	0.12	0.12
N06-D001	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N06-E001	0.29	0.29	0.40	0.40	0.12	0.12
N07-A001	0.29	0.29	0.40	0.40	0.12	0.12
N07-B001	0.29	0.29	0.40	0.40	0.12	0.12
N07-B002	0.29	0.29	0.40	0.40	0.12	0.12
N07-C001	0.29	0.29	0.40	0.40	0.12	0.12
N07-C002	0.29	0.29	0.40	0.40	0.12	0.12
N07-D001	0.29	0.29	0.40	0.40	0.12	0.12
N07-E001	0.29	0.29	0.40	0.40	0.12	0.12
N08-A001	0.29	0.29	0.40	0.40	0.12	0.12
N08-B001	0.29	0.29	0.40	0.40	0.12	0.12
N08-B002	0.29	0.29	0.40	0.40	0.12	0.12
N08-C001	0.29	0.29	0.40	0.40	0.12	0.12
N08-C002	0.29	0.29	0.40	0.40	0.12	0.12
N08-D001	0.29	0.29	0.40	0.40	0.12	0.12
N08-D002	0.29	0.29	0.40	0.40	0.12	0.12
N08-D003	0.29	0.29	0.40	0.40	0.12	0.12
N10-A001	0.29	0.29	0.40	0.40	0.12	0.12
N10-A002	0.29	0.29	0.40	0.40	0.12	0.12
N10-A003	0.29	0.29	0.40	0.40	0.12	0.12
N10-B001	0.29	0.29	0.40	0.40	0.12	0.12
N10-C001	0.29	0.29	0.40	0.40	0.12	0.12
N10-C002	0.29	0.29	0.40	0.40	0.12	0.12
N10-C003	0.29	0.29	0.40	0.40	0.12	0.12
N10-C004	0.29	0.29	0.40	0.40	0.12	0.12
N10-C005	0.29	0.29	0.40	0.40	0.12	0.12
N10-C006	0.29	0.29	0.40	0.40	0.12	0.12
N10-D001	0.29	0.29	0.40	0.40	0.12	0.12
N10-E001	0.29	0.29	0.40	0.40	0.12	0.12
N10-E002	0.29	0.29	0.40	0.40	0.12	0.12
N10-E003	0.29	0.29	0.40	0.40	0.12	0.12
N10-E004	0.29	0.29	0.40	0.40	0.12	0.12
N11-A001	0.29	0.29	0.40	0.40	0.12	0.12
N11-A002	0.29	0.29	0.40	0.40	0.12	0.12
N11-A003	0.29	0.29	0.40	0.40	0.12	0.12
N11-A004	0.29	0.29	0.40	0.40	0.12	0.12
N11-B001	0.29	0.29	0.40	0.40	0.12	0.12
N11-B002	0.29	0.29	0.40	0.40	0.12	0.12
N11-B003	0.29	0.29	0.40	0.40	0.12	0.12
N11-B004	0.29	0.29	0.40	0.40	0.12	0.12
N11-C001	0.29	0.29	0.40	0.40	0.12	0.12
N11-C002	0.29	0.29	0.40	0.40	0.12	0.12
N11-C003	0.29	0.29	0.40	0.40	0.12	0.12
N11-C004	0.29	0.29	0.40	0.40	0.12	0.12
N11-C005	0.29	0.29	0.40	0.40	0.12	0.12
N11-D001	0.29	0.29	0.40	0.40	0.12	0.12
N11-D002	0.29	0.29	0.40	0.40	0.12	0.12
N11-D003	0.29	0.29	0.40	0.40	0.12	0.12
N11-D004	0.29	0.29	0.40	0.40	0.12	0.12
N11-E001	0.29	0.29	0.40	0.40	0.12	0.12
N11-E002	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N11-E003	0.29	0.29	0.40	0.40	0.12	0.12
N11-E004	0.29	0.29	0.40	0.40	0.12	0.12
S01-A002	0.29	0.29	0.40	0.40	0.12	0.12
S01-B001	0.29	0.29	0.40	0.40	0.12	0.12
S01-B002	0.29	0.29	0.40	0.40	0.12	0.12
S01-C001	0.29	0.29	0.40	0.40	0.12	0.12
S01-C002	0.29	0.29	0.40	0.40	0.12	0.12
S01-D001	0.29	0.29	0.40	0.40	0.12	0.12
S01-E002	0.29	0.29	0.40	0.40	0.12	0.12
S01-F001	0.29	0.29	0.40	0.40	0.12	0.12
S01-G001	0.29	0.29	0.40	0.40	0.12	0.12
S01-G002	0.29	0.29	0.40	0.40	0.12	0.12
S01-H001	0.29	0.29	0.40	0.40	0.12	0.12
S01-I001	0.29	0.29	0.40	0.40	0.12	0.12
S01-I002	0.29	0.29	0.40	0.40	0.12	0.12
S01-I003	0.29	0.29	0.40	0.40	0.12	0.12
S01-J001	0.29	0.29	0.40	0.40	0.12	0.12
S01-J002	0.29	0.29	0.40	0.40	0.12	0.12
S01-J003	0.29	0.29	0.40	0.40	0.12	0.12
S01-K001	0.29	0.29	0.40	0.40	0.12	0.12
S01-K002	0.29	0.29	0.40	0.40	0.12	0.12
S02-A001	0.29	0.29	0.40	0.40	0.12	0.12
S02-B001	0.29	0.29	0.40	0.40	0.12	0.12
S02-B002	0.29	0.29	0.40	0.40	0.12	0.12
S02-B003	0.29	0.29	0.40	0.40	0.12	0.12
S02-B004	0.29	0.29	0.40	0.40	0.12	0.12
S02-B005	0.29	0.29	0.40	0.40	0.12	0.12
S02-C001	0.29	0.29	0.40	0.40	0.12	0.12
S02-C002	0.29	0.29	0.40	0.40	0.12	0.12
S02-C003	0.29	0.29	0.40	0.40	0.12	0.12
S02-C004	0.29	0.29	0.40	0.40	0.12	0.12
S02-C005	0.29	0.29	0.40	0.40	0.12	0.12
S02-D001	0.29	0.29	0.40	0.40	0.12	0.12
S02-E002	0.29	0.29	0.40	0.40	0.12	0.12
S02-E003	0.29	0.29	0.40	0.40	0.12	0.12
S02-E004	0.29	0.29	0.40	0.40	0.12	0.12
S02-E005	0.29	0.29	0.40	0.40	0.12	0.12
S02-E006	0.29	0.29	0.40	0.40	0.12	0.12
S02-G001	0.29	0.29	0.40	0.40	0.12	0.12
S02-G002	0.29	0.29	0.40	0.40	0.12	0.12
S02-G003	0.29	0.29	0.40	0.40	0.12	0.12
S02-G004	0.29	0.29	0.40	0.40	0.12	0.12
S02-G005	0.29	0.29	0.40	0.40	0.12	0.12
S02-H001	0.29	0.29	0.40	0.40	0.12	0.12
S02-H002	0.29	0.29	0.40	0.40	0.12	0.12
S02-H003	0.29	0.29	0.40	0.40	0.12	0.12
S02-H004	0.29	0.29	0.40	0.40	0.12	0.12
S02-I001	0.29	0.29	0.40	0.40	0.12	0.12
S02-I002	0.29	0.29	0.40	0.40	0.12	0.12
S02-J001	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S02-J002	0.29	0.29	0.40	0.40	0.12	0.12
S03-A001	0.29	0.29	0.40	0.40	0.12	0.12
S03-A002	0.29	0.29	0.40	0.40	0.12	0.12
S03-A003	0.29	0.29	0.40	0.40	0.12	0.12
S03-B001	0.29	0.29	0.40	0.40	0.12	0.12
S03-C001	0.29	0.29	0.40	0.40	0.12	0.12
S03-C002	0.29	0.29	0.40	0.40	0.12	0.12
S03-D001	0.29	0.29	0.40	0.40	0.12	0.12
S03-E001	0.29	0.29	0.40	0.40	0.12	0.12
S03-F001	0.29	0.29	0.40	0.40	0.12	0.12
S03-F002	0.29	0.29	0.40	0.40	0.12	0.12
S03-F003	0.29	0.29	0.40	0.40	0.12	0.12
S03-F004	0.29	0.29	0.40	0.40	0.12	0.12
S03-G001	0.29	0.29	0.40	0.40	0.12	0.12
S03-G002	0.29	0.29	0.40	0.40	0.12	0.12
S03-H001	0.29	0.29	0.40	0.40	0.12	0.12
S03-H002	0.29	0.29	0.40	0.40	0.12	0.12
S03-H003	0.29	0.29	0.40	0.40	0.12	0.12
S03-H004	0.29	0.29	0.40	0.40	0.12	0.12
S03-H005	0.29	0.29	0.40	0.40	0.12	0.12
S03-H006	0.29	0.29	0.40	0.40	0.12	0.12
S03-I001	0.29	0.29	0.40	0.40	0.12	0.12
S03-I002	0.29	0.29	0.40	0.40	0.12	0.12
S03-I003	0.29	0.29	0.40	0.40	0.12	0.12
S03-J001	0.29	0.29	0.40	0.40	0.12	0.12
S03-J002	0.29	0.29	0.40	0.40	0.12	0.12
S03-L001	0.29	0.29	0.40	0.40	0.12	0.12
S03-L002	0.29	0.29	0.40	0.40	0.12	0.12
S03-L003	0.29	0.29	0.40	0.40	0.12	0.12
S03-L004	0.29	0.29	0.40	0.40	0.12	0.12
S03-L005	0.29	0.29	0.40	0.40	0.12	0.12
S03-L006	0.29	0.29	0.40	0.40	0.12	0.12
S03-M001	0.29	0.29	0.40	0.40	0.12	0.12
S03-M002	0.29	0.29	0.40	0.40	0.12	0.12
S03-M003	0.29	0.29	0.40	0.40	0.12	0.12
S04-A001	0.29	0.29	0.40	0.40	0.12	0.12
S04-A002	0.29	0.29	0.40	0.40	0.12	0.12
S04-A003	0.29	0.29	0.40	0.40	0.12	0.12
S04-A004	0.29	0.29	0.40	0.40	0.12	0.12
S04-A005	0.29	0.29	0.40	0.40	0.12	0.12
S04-B001	0.29	0.29	0.40	0.40	0.12	0.12
S04-B002	0.29	0.29	0.40	0.40	0.12	0.12
S04-B003	0.29	0.29	0.40	0.40	0.12	0.12
S04-B004	0.29	0.29	0.40	0.40	0.12	0.12
S04-B005	0.29	0.29	0.40	0.40	0.12	0.12
S04-B006	0.29	0.29	0.40	0.40	0.12	0.12
S04-B007	0.29	0.29	0.40	0.40	0.12	0.12
S04-B008	0.29	0.29	0.40	0.40	0.12	0.12
S04-B009	0.29	0.29	0.40	0.40	0.12	0.12
S04-B010	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S04-C001	0.29	0.29	0.40	0.40	0.12	0.12
S04-C002	0.29	0.29	0.40	0.40	0.12	0.12
S04-C003	0.29	0.29	0.40	0.40	0.12	0.12
S04-C004	0.29	0.29	0.40	0.40	0.12	0.12
S04-C005	0.29	0.29	0.40	0.40	0.12	0.12
S04-D001	0.29	0.29	0.40	0.40	0.12	0.12
S04-D002	0.29	0.29	0.40	0.40	0.12	0.12
S04-D003	0.29	0.29	0.40	0.40	0.12	0.12
S04-E001	0.29	0.29	0.40	0.40	0.12	0.12
S04-E002	0.29	0.29	0.40	0.40	0.12	0.12
S04-E003	0.29	0.29	0.40	0.40	0.12	0.12
S04-E004	0.29	0.29	0.40	0.40	0.12	0.12
S04-E005	0.29	0.29	0.40	0.40	0.12	0.12
S04-E006	0.29	0.29	0.40	0.40	0.12	0.12
S04-E007	0.29	0.29	0.40	0.40	0.12	0.12
S04-F001	0.29	0.29	0.40	0.40	0.12	0.12
S04-F002	0.29	0.29	0.40	0.40	0.12	0.12
S04-F003	0.29	0.29	0.40	0.40	0.12	0.12
S04-G001	0.29	0.29	0.40	0.40	0.12	0.12
S04-G002	0.29	0.29	0.40	0.40	0.12	0.12
S04-G003	0.29	0.29	0.40	0.40	0.12	0.12
S04-H001	0.29	0.29	0.40	0.40	0.12	0.12
S04-H002	0.29	0.29	0.40	0.40	0.12	0.12
S04-H003	0.29	0.29	0.40	0.40	0.12	0.12
S04-H004	0.29	0.29	0.40	0.40	0.12	0.12
S05-A001	0.29	0.29	0.40	0.40	0.12	0.12
S05-A002	0.29	0.29	0.40	0.40	0.12	0.12
S05-A003	0.29	0.29	0.40	0.40	0.12	0.12
S05-A004	0.29	0.29	0.40	0.40	0.12	0.12
S05-B001	0.29	0.29	0.40	0.40	0.12	0.12
S05-B002	0.29	0.29	0.40	0.40	0.12	0.12
S05-B003	0.29	0.29	0.40	0.40	0.12	0.12
S05-B004	0.29	0.29	0.40	0.40	0.12	0.12
S05-C001	0.29	0.29	0.40	0.40	0.12	0.12
S05-C002	0.29	0.29	0.40	0.40	0.12	0.12
S05-D001	0.29	0.29	0.40	0.40	0.12	0.12
S05-D002	0.29	0.29	0.40	0.40	0.12	0.12
S05-E001	0.29	0.29	0.40	0.40	0.12	0.12
S05-E002	0.29	0.29	0.40	0.40	0.12	0.12
S05-E003	0.29	0.29	0.40	0.40	0.12	0.12
S05-E004	0.29	0.29	0.40	0.40	0.12	0.12
S05-F001	0.29	0.29	0.40	0.40	0.12	0.12
S05-F002	0.29	0.29	0.40	0.40	0.12	0.12
S05-F003	0.29	0.29	0.40	0.40	0.12	0.12
S05-G001	0.29	0.29	0.40	0.40	0.12	0.12
S05-G002	0.29	0.29	0.40	0.40	0.12	0.12
S05-H001	0.29	0.29	0.40	0.40	0.12	0.12
S05-H002	0.29	0.29	0.40	0.40	0.12	0.12
S05-H003	0.29	0.29	0.40	0.40	0.12	0.12
S05-H004	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S05-H005	0.29	0.29	0.40	0.40	0.12	0.12
S05-H006	0.29	0.29	0.40	0.40	0.12	0.12
S05-I001	0.29	0.29	0.40	0.40	0.12	0.12
S05-I002	0.29	0.29	0.40	0.40	0.12	0.12
S05-I003	0.29	0.29	0.40	0.40	0.12	0.12
S05-I004	0.29	0.29	0.40	0.40	0.12	0.12
S05-J001	0.29	0.29	0.40	0.40	0.12	0.12
S05-J002	0.29	0.29	0.40	0.40	0.12	0.12
S05-J003	0.29	0.29	0.40	0.40	0.12	0.12
S05-L001	0.29	0.29	0.40	0.40	0.12	0.12
S05-L002	0.29	0.29	0.40	0.40	0.12	0.12
S05-L003	0.29	0.29	0.40	0.40	0.12	0.12
P01-A001	0.29	0.29	0.40	0.40	0.12	0.12
P01-A002	0.29	0.29	0.40	0.40	0.12	0.12
P01-B001	0.29	0.29	0.40	0.40	0.12	0.12
P01-B002	0.29	0.29	0.40	0.40	0.12	0.12
P01-B003	0.29	0.29	0.40	0.40	0.12	0.12
P01-C001	0.29	0.29	0.40	0.40	0.12	0.12
P01-C002	0.29	0.29	0.40	0.40	0.12	0.12
P01-D001	0.29	0.29	0.40	0.40	0.12	0.12
P01-D002	0.29	0.29	0.40	0.40	0.12	0.12
P01-E001	0.29	0.29	0.40	0.40	0.12	0.12
P01-F001	0.29	0.29	0.40	0.40	0.12	0.12
P01-G001	0.29	0.29	0.40	0.40	0.12	0.12
P01-G002	0.29	0.29	0.40	0.40	0.12	0.12
P01-G003	0.29	0.29	0.40	0.40	0.12	0.12
P01-H001	0.29	0.29	0.40	0.40	0.12	0.12
P01-H002	0.29	0.29	0.40	0.40	0.12	0.12
P01-H003	0.29	0.29	0.40	0.40	0.12	0.12
P01-H004	0.29	0.29	0.40	0.40	0.12	0.12
P01-I001	0.29	0.29	0.40	0.40	0.12	0.12
P01-I002	0.29	0.29	0.40	0.40	0.12	0.12
P01-J001	0.29	0.29	0.40	0.40	0.12	0.12
P01-J002	0.29	0.29	0.40	0.40	0.12	0.12
P01-J003	0.29	0.29	0.40	0.40	0.12	0.12
P01-L001	0.29	0.29	0.40	0.40	0.12	0.12
S01-F002	0.29	0.29	0.40	0.40	0.12	0.12
S01-A001	0.29	0.29	0.40	0.40	0.12	0.12
N10-A004	0.29	0.29	0.40	0.40	0.12	0.12
S01-E001	0.29	0.29	0.40	0.40	0.12	0.12
S02-E001	0.29	0.29	0.40	0.40	0.12	0.12
S02-F008	0.29	0.29	0.40	0.40	0.12	0.12
S02-F001	0.29	0.29	0.40	0.40	0.12	0.12
S02-F002	0.29	0.29	0.40	0.40	0.12	0.12
S02-F003	0.29	0.29	0.40	0.40	0.12	0.12
S02-F004	0.29	0.29	0.40	0.40	0.12	0.12
S02-F005	0.29	0.29	0.40	0.40	0.12	0.12
S02-F006	0.29	0.29	0.40	0.40	0.12	0.12
S02-F007	0.29	0.29	0.40	0.40	0.12	0.12
S02-F009	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	IC4		NC4		IC5	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N09_A001	0.29	0.29	0.40	0.40	0.12	0.12
N09_A002	0.29	0.29	0.40	0.40	0.12	0.12
N09_A003	0.29	0.29	0.40	0.40	0.12	0.12
N09_A004	0.29	0.29	0.40	0.40	0.12	0.12
N09_A005	0.29	0.29	0.40	0.40	0.12	0.12
N09_B001	0.29	0.29	0.40	0.40	0.12	0.12
N09_B002	0.29	0.29	0.40	0.40	0.12	0.12
N09_B003	0.29	0.29	0.40	0.40	0.12	0.12
N09_B004	0.29	0.29	0.40	0.40	0.12	0.12
N09_B005	0.29	0.29	0.40	0.40	0.12	0.12
N09_B006	0.29	0.29	0.40	0.40	0.12	0.12
N09_B007	0.29	0.29	0.40	0.40	0.12	0.12
N09_C001	0.29	0.29	0.40	0.40	0.12	0.12
N09_C002	0.29	0.29	0.40	0.40	0.12	0.12
N09_C003	0.29	0.29	0.40	0.40	0.12	0.12
N09_C004	0.29	0.29	0.40	0.40	0.12	0.12
N09_C005	0.29	0.29	0.40	0.40	0.12	0.12
N09_D001	0.29	0.29	0.40	0.40	0.12	0.12
N09_D002	0.29	0.29	0.40	0.40	0.12	0.12
N09_D003	0.29	0.29	0.40	0.40	0.12	0.12
N09_D004	0.29	0.29	0.40	0.40	0.12	0.12
N09_D005	0.29	0.29	0.40	0.40	0.12	0.12
N09_D006	0.29	0.29	0.40	0.40	0.12	0.12
N09_D007	0.29	0.29	0.40	0.40	0.12	0.12
N09_D008	0.29	0.29	0.40	0.40	0.12	0.12
N09_D009	0.29	0.29	0.40	0.40	0.12	0.12

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N01-A001	0.08	0.08	0.09	0.09	1.39	1.39
N01-B001	0.08	0.08	0.09	0.09	1.39	1.39
N02-A001	0.08	0.08	0.09	0.09	1.39	1.39
N02-B001	0.08	0.08	0.09	0.09	1.39	1.39
N02-C001	0.08	0.08	0.09	0.09	1.39	1.39
N02-D001	0.08	0.08	0.09	0.09	1.39	1.39
N02-E001	0.08	0.08	0.09	0.09	1.39	1.39
N03-A001	0.08	0.08	0.09	0.09	1.39	1.39
N03-B001	0.08	0.08	0.09	0.09	1.39	1.39
N03-C001	0.08	0.08	0.09	0.09	1.39	1.39
N03-D001	0.08	0.08	0.09	0.09	1.39	1.39
N03-E001	0.08	0.08	0.09	0.09	1.39	1.39
N04-A001	0.08	0.08	0.09	0.09	1.39	1.39
N04-A002	0.08	0.08	0.09	0.09	1.39	1.39
N04-A003	0.08	0.08	0.09	0.09	1.39	1.39
N04-B001	0.08	0.08	0.09	0.09	1.39	1.39
N04-C001	0.08	0.08	0.09	0.09	1.39	1.39
N04-C002	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N04-C003	0.08	0.08	0.09	0.09	1.39	1.39
N04-D001	0.08	0.08	0.09	0.09	1.39	1.39
N05-A001	0.08	0.08	0.09	0.09	1.39	1.39
N05-B001	0.08	0.08	0.09	0.09	1.39	1.39
N05-B002	0.08	0.08	0.09	0.09	1.39	1.39
N05-B003	0.08	0.08	0.09	0.09	1.39	1.39
N05-B004	0.08	0.08	0.09	0.09	1.39	1.39
N05-C001	0.08	0.08	0.09	0.09	1.39	1.39
N05-D001	0.08	0.08	0.09	0.09	1.39	1.39
N06-A001	0.08	0.08	0.09	0.09	1.39	1.39
N06-A002	0.08	0.08	0.09	0.09	1.39	1.39
N06-B001	0.08	0.08	0.09	0.09	1.39	1.39
N06-B002	0.08	0.08	0.09	0.09	1.39	1.39
N06-C001	0.08	0.08	0.09	0.09	1.39	1.39
N06-D001	0.08	0.08	0.09	0.09	1.39	1.39
N06-E001	0.08	0.08	0.09	0.09	1.39	1.39
N07-A001	0.08	0.08	0.09	0.09	1.39	1.39
N07-B001	0.08	0.08	0.09	0.09	1.39	1.39
N07-B002	0.08	0.08	0.09	0.09	1.39	1.39
N07-C001	0.08	0.08	0.09	0.09	1.39	1.39
N07-C002	0.08	0.08	0.09	0.09	1.39	1.39
N07-D001	0.08	0.08	0.09	0.09	1.39	1.39
N07-E001	0.08	0.08	0.09	0.09	1.39	1.39
N08-A001	0.08	0.08	0.09	0.09	1.39	1.39
N08-B001	0.08	0.08	0.09	0.09	1.39	1.39
N08-B002	0.08	0.08	0.09	0.09	1.39	1.39
N08-C001	0.08	0.08	0.09	0.09	1.39	1.39
N08-C002	0.08	0.08	0.09	0.09	1.39	1.39
N08-D001	0.08	0.08	0.09	0.09	1.39	1.39
N08-D002	0.08	0.08	0.09	0.09	1.39	1.39
N08-D003	0.08	0.08	0.09	0.09	1.39	1.39
N10-A001	0.08	0.08	0.09	0.09	1.39	1.39
N10-A002	0.08	0.08	0.09	0.09	1.39	1.39
N10-A003	0.08	0.08	0.09	0.09	1.39	1.39
N10-B001	0.08	0.08	0.09	0.09	1.39	1.39
N10-C001	0.08	0.08	0.09	0.09	1.39	1.39
N10-C002	0.08	0.08	0.09	0.09	1.39	1.39
N10-C003	0.08	0.08	0.09	0.09	1.39	1.39
N10-C004	0.08	0.08	0.09	0.09	1.39	1.39
N10-C005	0.08	0.08	0.09	0.09	1.39	1.39
N10-C006	0.08	0.08	0.09	0.09	1.39	1.39
N10-D001	0.08	0.08	0.09	0.09	1.39	1.39
N10-E001	0.08	0.08	0.09	0.09	1.39	1.39
N10-E002	0.08	0.08	0.09	0.09	1.39	1.39
N10-E003	0.08	0.08	0.09	0.09	1.39	1.39
N10-E004	0.08	0.08	0.09	0.09	1.39	1.39
N11-A001	0.08	0.08	0.09	0.09	1.39	1.39
N11-A002	0.08	0.08	0.09	0.09	1.39	1.39
N11-A003	0.08	0.08	0.09	0.09	1.39	1.39
N11-A004	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
N11-B001	0.08	0.08	0.09	0.09	1.39	1.39
N11-B002	0.08	0.08	0.09	0.09	1.39	1.39
N11-B003	0.08	0.08	0.09	0.09	1.39	1.39
N11-B004	0.08	0.08	0.09	0.09	1.39	1.39
N11-C001	0.08	0.08	0.09	0.09	1.39	1.39
N11-C002	0.08	0.08	0.09	0.09	1.39	1.39
N11-C003	0.08	0.08	0.09	0.09	1.39	1.39
N11-C004	0.08	0.08	0.09	0.09	1.39	1.39
N11-C005	0.08	0.08	0.09	0.09	1.39	1.39
N11-D001	0.08	0.08	0.09	0.09	1.39	1.39
N11-D002	0.08	0.08	0.09	0.09	1.39	1.39
N11-D003	0.08	0.08	0.09	0.09	1.39	1.39
N11-D004	0.08	0.08	0.09	0.09	1.39	1.39
N11-E001	0.08	0.08	0.09	0.09	1.39	1.39
N11-E002	0.08	0.08	0.09	0.09	1.39	1.39
N11-E003	0.08	0.08	0.09	0.09	1.39	1.39
N11-E004	0.08	0.08	0.09	0.09	1.39	1.39
S01-A002	0.08	0.08	0.09	0.09	1.39	1.39
S01-B001	0.08	0.08	0.09	0.09	1.39	1.39
S01-B002	0.08	0.08	0.09	0.09	1.39	1.39
S01-C001	0.08	0.08	0.09	0.09	1.39	1.39
S01-C002	0.08	0.08	0.09	0.09	1.39	1.39
S01-D001	0.08	0.08	0.09	0.09	1.39	1.39
S01-E002	0.08	0.08	0.09	0.09	1.39	1.39
S01-F001	0.08	0.08	0.09	0.09	1.39	1.39
S01-G001	0.08	0.08	0.09	0.09	1.39	1.39
S01-G002	0.08	0.08	0.09	0.09	1.39	1.39
S01-H001	0.08	0.08	0.09	0.09	1.39	1.39
S01-I001	0.08	0.08	0.09	0.09	1.39	1.39
S01-I002	0.08	0.08	0.09	0.09	1.39	1.39
S01-I003	0.08	0.08	0.09	0.09	1.39	1.39
S01-J001	0.08	0.08	0.09	0.09	1.39	1.39
S01-J002	0.08	0.08	0.09	0.09	1.39	1.39
S01-J003	0.08	0.08	0.09	0.09	1.39	1.39
S01-K001	0.08	0.08	0.09	0.09	1.39	1.39
S01-K002	0.08	0.08	0.09	0.09	1.39	1.39
S02-A001	0.08	0.08	0.09	0.09	1.39	1.39
S02-B001	0.08	0.08	0.09	0.09	1.39	1.39
S02-B002	0.08	0.08	0.09	0.09	1.39	1.39
S02-B003	0.08	0.08	0.09	0.09	1.39	1.39
S02-B004	0.08	0.08	0.09	0.09	1.39	1.39
S02-B005	0.08	0.08	0.09	0.09	1.39	1.39
S02-C001	0.08	0.08	0.09	0.09	1.39	1.39
S02-C002	0.08	0.08	0.09	0.09	1.39	1.39
S02-C003	0.08	0.08	0.09	0.09	1.39	1.39
S02-C004	0.08	0.08	0.09	0.09	1.39	1.39
S02-C005	0.08	0.08	0.09	0.09	1.39	1.39
S02-D001	0.08	0.08	0.09	0.09	1.39	1.39
S02-E002	0.08	0.08	0.09	0.09	1.39	1.39
S02-E003	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S02-E004	0.08	0.08	0.09	0.09	1.39	1.39
S02-E005	0.08	0.08	0.09	0.09	1.39	1.39
S02-E006	0.08	0.08	0.09	0.09	1.39	1.39
S02-G001	0.08	0.08	0.09	0.09	1.39	1.39
S02-G002	0.08	0.08	0.09	0.09	1.39	1.39
S02-G003	0.08	0.08	0.09	0.09	1.39	1.39
S02-G004	0.08	0.08	0.09	0.09	1.39	1.39
S02-G005	0.08	0.08	0.09	0.09	1.39	1.39
S02-H001	0.08	0.08	0.09	0.09	1.39	1.39
S02-H002	0.08	0.08	0.09	0.09	1.39	1.39
S02-H003	0.08	0.08	0.09	0.09	1.39	1.39
S02-H004	0.08	0.08	0.09	0.09	1.39	1.39
S02-I001	0.08	0.08	0.09	0.09	1.39	1.39
S02-I002	0.08	0.08	0.09	0.09	1.39	1.39
S02-J001	0.08	0.08	0.09	0.09	1.39	1.39
S02-J002	0.08	0.08	0.09	0.09	1.39	1.39
S03-A001	0.08	0.08	0.09	0.09	1.39	1.39
S03-A002	0.08	0.08	0.09	0.09	1.39	1.39
S03-A003	0.08	0.08	0.09	0.09	1.39	1.39
S03-B001	0.08	0.08	0.09	0.09	1.39	1.39
S03-C001	0.08	0.08	0.09	0.09	1.39	1.39
S03-C002	0.08	0.08	0.09	0.09	1.39	1.39
S03-D001	0.08	0.08	0.09	0.09	1.39	1.39
S03-E001	0.08	0.08	0.09	0.09	1.39	1.39
S03-F001	0.08	0.08	0.09	0.09	1.39	1.39
S03-F002	0.08	0.08	0.09	0.09	1.39	1.39
S03-F003	0.08	0.08	0.09	0.09	1.39	1.39
S03-F004	0.08	0.08	0.09	0.09	1.39	1.39
S03-G001	0.08	0.08	0.09	0.09	1.39	1.39
S03-G002	0.08	0.08	0.09	0.09	1.39	1.39
S03-H001	0.08	0.08	0.09	0.09	1.39	1.39
S03-H002	0.08	0.08	0.09	0.09	1.39	1.39
S03-H003	0.08	0.08	0.09	0.09	1.39	1.39
S03-H004	0.08	0.08	0.09	0.09	1.39	1.39
S03-H005	0.08	0.08	0.09	0.09	1.39	1.39
S03-H006	0.08	0.08	0.09	0.09	1.39	1.39
S03-I001	0.08	0.08	0.09	0.09	1.39	1.39
S03-I002	0.08	0.08	0.09	0.09	1.39	1.39
S03-I003	0.08	0.08	0.09	0.09	1.39	1.39
S03-J001	0.08	0.08	0.09	0.09	1.39	1.39
S03-J002	0.08	0.08	0.09	0.09	1.39	1.39
S03-L001	0.08	0.08	0.09	0.09	1.39	1.39
S03-L002	0.08	0.08	0.09	0.09	1.39	1.39
S03-L003	0.08	0.08	0.09	0.09	1.39	1.39
S03-L004	0.08	0.08	0.09	0.09	1.39	1.39
S03-L005	0.08	0.08	0.09	0.09	1.39	1.39
S03-L006	0.08	0.08	0.09	0.09	1.39	1.39
S03-M001	0.08	0.08	0.09	0.09	1.39	1.39
S03-M002	0.08	0.08	0.09	0.09	1.39	1.39
S03-M003	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S04-A001	0.08	0.08	0.09	0.09	1.39	1.39
S04-A002	0.08	0.08	0.09	0.09	1.39	1.39
S04-A003	0.08	0.08	0.09	0.09	1.39	1.39
S04-A004	0.08	0.08	0.09	0.09	1.39	1.39
S04-A005	0.08	0.08	0.09	0.09	1.39	1.39
S04-B001	0.08	0.08	0.09	0.09	1.39	1.39
S04-B002	0.08	0.08	0.09	0.09	1.39	1.39
S04-B003	0.08	0.08	0.09	0.09	1.39	1.39
S04-B004	0.08	0.08	0.09	0.09	1.39	1.39
S04-B005	0.08	0.08	0.09	0.09	1.39	1.39
S04-B006	0.08	0.08	0.09	0.09	1.39	1.39
S04-B007	0.08	0.08	0.09	0.09	1.39	1.39
S04-B008	0.08	0.08	0.09	0.09	1.39	1.39
S04-B009	0.08	0.08	0.09	0.09	1.39	1.39
S04-B010	0.08	0.08	0.09	0.09	1.39	1.39
S04-C001	0.08	0.08	0.09	0.09	1.39	1.39
S04-C002	0.08	0.08	0.09	0.09	1.39	1.39
S04-C003	0.08	0.08	0.09	0.09	1.39	1.39
S04-C004	0.08	0.08	0.09	0.09	1.39	1.39
S04-C005	0.08	0.08	0.09	0.09	1.39	1.39
S04-D001	0.08	0.08	0.09	0.09	1.39	1.39
S04-D002	0.08	0.08	0.09	0.09	1.39	1.39
S04-D003	0.08	0.08	0.09	0.09	1.39	1.39
S04-E001	0.08	0.08	0.09	0.09	1.39	1.39
S04-E002	0.08	0.08	0.09	0.09	1.39	1.39
S04-E003	0.08	0.08	0.09	0.09	1.39	1.39
S04-E004	0.08	0.08	0.09	0.09	1.39	1.39
S04-E005	0.08	0.08	0.09	0.09	1.39	1.39
S04-E006	0.08	0.08	0.09	0.09	1.39	1.39
S04-E007	0.08	0.08	0.09	0.09	1.39	1.39
S04-F001	0.08	0.08	0.09	0.09	1.39	1.39
S04-F002	0.08	0.08	0.09	0.09	1.39	1.39
S04-F003	0.08	0.08	0.09	0.09	1.39	1.39
S04-G001	0.08	0.08	0.09	0.09	1.39	1.39
S04-G002	0.08	0.08	0.09	0.09	1.39	1.39
S04-G003	0.08	0.08	0.09	0.09	1.39	1.39
S04-H001	0.08	0.08	0.09	0.09	1.39	1.39
S04-H002	0.08	0.08	0.09	0.09	1.39	1.39
S04-H003	0.08	0.08	0.09	0.09	1.39	1.39
S04-H004	0.08	0.08	0.09	0.09	1.39	1.39
S05-A001	0.08	0.08	0.09	0.09	1.39	1.39
S05-A002	0.08	0.08	0.09	0.09	1.39	1.39
S05-A003	0.08	0.08	0.09	0.09	1.39	1.39
S05-A004	0.08	0.08	0.09	0.09	1.39	1.39
S05-B001	0.08	0.08	0.09	0.09	1.39	1.39
S05-B002	0.08	0.08	0.09	0.09	1.39	1.39
S05-B003	0.08	0.08	0.09	0.09	1.39	1.39
S05-B004	0.08	0.08	0.09	0.09	1.39	1.39
S05-C001	0.08	0.08	0.09	0.09	1.39	1.39
S05-C002	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
S05-D001	0.08	0.08	0.09	0.09	1.39	1.39
S05-D002	0.08	0.08	0.09	0.09	1.39	1.39
S05-E001	0.08	0.08	0.09	0.09	1.39	1.39
S05-E002	0.08	0.08	0.09	0.09	1.39	1.39
S05-E003	0.08	0.08	0.09	0.09	1.39	1.39
S05-E004	0.08	0.08	0.09	0.09	1.39	1.39
S05-F001	0.08	0.08	0.09	0.09	1.39	1.39
S05-F002	0.08	0.08	0.09	0.09	1.39	1.39
S05-F003	0.08	0.08	0.09	0.09	1.39	1.39
S05-G001	0.08	0.08	0.09	0.09	1.39	1.39
S05-G002	0.08	0.08	0.09	0.09	1.39	1.39
S05-H001	0.08	0.08	0.09	0.09	1.39	1.39
S05-H002	0.08	0.08	0.09	0.09	1.39	1.39
S05-H003	0.08	0.08	0.09	0.09	1.39	1.39
S05-H004	0.08	0.08	0.09	0.09	1.39	1.39
S05-H005	0.08	0.08	0.09	0.09	1.39	1.39
S05-H006	0.08	0.08	0.09	0.09	1.39	1.39
S05-I001	0.08	0.08	0.09	0.09	1.39	1.39
S05-I002	0.08	0.08	0.09	0.09	1.39	1.39
S05-I003	0.08	0.08	0.09	0.09	1.39	1.39
S05-I004	0.08	0.08	0.09	0.09	1.39	1.39
S05-J001	0.08	0.08	0.09	0.09	1.39	1.39
S05-J002	0.08	0.08	0.09	0.09	1.39	1.39
S05-J003	0.08	0.08	0.09	0.09	1.39	1.39
S05-L001	0.08	0.08	0.09	0.09	1.39	1.39
S05-L002	0.08	0.08	0.09	0.09	1.39	1.39
S05-L003	0.08	0.08	0.09	0.09	1.39	1.39
P01-A001	0.08	0.08	0.09	0.09	1.39	1.39
P01-A002	0.08	0.08	0.09	0.09	1.39	1.39
P01-B001	0.08	0.08	0.09	0.09	1.39	1.39
P01-B002	0.08	0.08	0.09	0.09	1.39	1.39
P01-B003	0.08	0.08	0.09	0.09	1.39	1.39
P01-C001	0.08	0.08	0.09	0.09	1.39	1.39
P01-C002	0.08	0.08	0.09	0.09	1.39	1.39
P01-D001	0.08	0.08	0.09	0.09	1.39	1.39
P01-D002	0.08	0.08	0.09	0.09	1.39	1.39
P01-E001	0.08	0.08	0.09	0.09	1.39	1.39
P01-F001	0.08	0.08	0.09	0.09	1.39	1.39
P01-G001	0.08	0.08	0.09	0.09	1.39	1.39
P01-G002	0.08	0.08	0.09	0.09	1.39	1.39
P01-G003	0.08	0.08	0.09	0.09	1.39	1.39
P01-H001	0.08	0.08	0.09	0.09	1.39	1.39
P01-H002	0.08	0.08	0.09	0.09	1.39	1.39
P01-H003	0.08	0.08	0.09	0.09	1.39	1.39
P01-H004	0.08	0.08	0.09	0.09	1.39	1.39
P01-I001	0.08	0.08	0.09	0.09	1.39	1.39
P01-I002	0.08	0.08	0.09	0.09	1.39	1.39
P01-J001	0.08	0.08	0.09	0.09	1.39	1.39
P01-J002	0.08	0.08	0.09	0.09	1.39	1.39
P01-J003	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary						
Pipe Name	NC5		C6		CO2	
	%		%		%	
	Head	Tail	Head	Tail	Head	Tail
P01-L001	0.08	0.08	0.09	0.09	1.39	1.39
S01-F002	0.08	0.08	0.09	0.09	1.39	1.39
S01-A001	0.08	0.08	0.09	0.09	1.39	1.39
N10-A004	0.08	0.08	0.09	0.09	1.39	1.39
S01-E001	0.08	0.08	0.09	0.09	1.39	1.39
S02-E001	0.08	0.08	0.09	0.09	1.39	1.39
S02-F008	0.08	0.08	0.09	0.09	1.39	1.39
S02-F001	0.08	0.08	0.09	0.09	1.39	1.39
S02-F002	0.08	0.08	0.09	0.09	1.39	1.39
S02-F003	0.08	0.08	0.09	0.09	1.39	1.39
S02-F004	0.08	0.08	0.09	0.09	1.39	1.39
S02-F005	0.08	0.08	0.09	0.09	1.39	1.39
S02-F006	0.08	0.08	0.09	0.09	1.39	1.39
S02-F007	0.08	0.08	0.09	0.09	1.39	1.39
S02-F009	0.08	0.08	0.09	0.09	1.39	1.39
N09_A001	0.08	0.08	0.09	0.09	1.39	1.39
N09_A002	0.08	0.08	0.09	0.09	1.39	1.39
N09_A003	0.08	0.08	0.09	0.09	1.39	1.39
N09_A004	0.08	0.08	0.09	0.09	1.39	1.39
N09_A005	0.08	0.08	0.09	0.09	1.39	1.39
N09_B001	0.08	0.08	0.09	0.09	1.39	1.39
N09_B002	0.08	0.08	0.09	0.09	1.39	1.39
N09_B003	0.08	0.08	0.09	0.09	1.39	1.39
N09_B004	0.08	0.08	0.09	0.09	1.39	1.39
N09_B005	0.08	0.08	0.09	0.09	1.39	1.39
N09_B006	0.08	0.08	0.09	0.09	1.39	1.39
N09_B007	0.08	0.08	0.09	0.09	1.39	1.39
N09_C001	0.08	0.08	0.09	0.09	1.39	1.39
N09_C002	0.08	0.08	0.09	0.09	1.39	1.39
N09_C003	0.08	0.08	0.09	0.09	1.39	1.39
N09_C004	0.08	0.08	0.09	0.09	1.39	1.39
N09_C005	0.08	0.08	0.09	0.09	1.39	1.39
N09_D001	0.08	0.08	0.09	0.09	1.39	1.39
N09_D002	0.08	0.08	0.09	0.09	1.39	1.39
N09_D003	0.08	0.08	0.09	0.09	1.39	1.39
N09_D004	0.08	0.08	0.09	0.09	1.39	1.39
N09_D005	0.08	0.08	0.09	0.09	1.39	1.39
N09_D006	0.08	0.08	0.09	0.09	1.39	1.39
N09_D007	0.08	0.08	0.09	0.09	1.39	1.39
N09_D008	0.08	0.08	0.09	0.09	1.39	1.39
N09_D009	0.08	0.08	0.09	0.09	1.39	1.39

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
N01-A001	0.71	0.71	0.01	0.01
N01-B001	0.71	0.71	0.01	0.01
N02-A001	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
N02-B001	0.71	0.71	0.01	0.01
N02-C001	0.71	0.71	0.01	0.01
N02-D001	0.71	0.71	0.01	0.01
N02-E001	0.71	0.71	0.01	0.01
N03-A001	0.71	0.71	0.01	0.01
N03-B001	0.71	0.71	0.01	0.01
N03-C001	0.71	0.71	0.01	0.01
N03-D001	0.71	0.71	0.01	0.01
N03-E001	0.71	0.71	0.01	0.01
N04-A001	0.71	0.71	0.01	0.01
N04-A002	0.71	0.71	0.01	0.01
N04-A003	0.71	0.71	0.01	0.01
N04-B001	0.71	0.71	0.01	0.01
N04-C001	0.71	0.71	0.01	0.01
N04-C002	0.71	0.71	0.01	0.01
N04-C003	0.71	0.71	0.01	0.01
N04-D001	0.71	0.71	0.01	0.01
N05-A001	0.71	0.71	0.01	0.01
N05-B001	0.71	0.71	0.01	0.01
N05-B002	0.71	0.71	0.01	0.01
N05-B003	0.71	0.71	0.01	0.01
N05-B004	0.71	0.71	0.01	0.01
N05-C001	0.71	0.71	0.01	0.01
N05-D001	0.71	0.71	0.01	0.01
N06-A001	0.71	0.71	0.01	0.01
N06-A002	0.71	0.71	0.01	0.01
N06-B001	0.71	0.71	0.01	0.01
N06-B002	0.71	0.71	0.01	0.01
N06-C001	0.71	0.71	0.01	0.01
N06-D001	0.71	0.71	0.01	0.01
N06-E001	0.71	0.71	0.01	0.01
N07-A001	0.71	0.71	0.01	0.01
N07-B001	0.71	0.71	0.01	0.01
N07-B002	0.71	0.71	0.01	0.01
N07-C001	0.71	0.71	0.01	0.01
N07-C002	0.71	0.71	0.01	0.01
N07-D001	0.71	0.71	0.01	0.01
N07-E001	0.71	0.71	0.01	0.01
N08-A001	0.71	0.71	0.01	0.01
N08-B001	0.71	0.71	0.01	0.01
N08-B002	0.71	0.71	0.01	0.01
N08-C001	0.71	0.71	0.01	0.01
N08-C002	0.71	0.71	0.01	0.01
N08-D001	0.71	0.71	0.01	0.01
N08-D002	0.71	0.71	0.01	0.01
N08-D003	0.71	0.71	0.01	0.01
N10-A001	0.71	0.71	0.01	0.01
N10-A002	0.71	0.71	0.01	0.01
N10-A003	0.71	0.71	0.01	0.01
N10-B001	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
N10-C001	0.71	0.71	0.01	0.01
N10-C002	0.71	0.71	0.01	0.01
N10-C003	0.71	0.71	0.01	0.01
N10-C004	0.71	0.71	0.01	0.01
N10-C005	0.71	0.71	0.01	0.01
N10-C006	0.71	0.71	0.01	0.01
N10-D001	0.71	0.71	0.01	0.01
N10-E001	0.71	0.71	0.01	0.01
N10-E002	0.71	0.71	0.01	0.01
N10-E003	0.71	0.71	0.01	0.01
N10-E004	0.71	0.71	0.01	0.01
N11-A001	0.71	0.71	0.01	0.01
N11-A002	0.71	0.71	0.01	0.01
N11-A003	0.71	0.71	0.01	0.01
N11-A004	0.71	0.71	0.01	0.01
N11-B001	0.71	0.71	0.01	0.01
N11-B002	0.71	0.71	0.01	0.01
N11-B003	0.71	0.71	0.01	0.01
N11-B004	0.71	0.71	0.01	0.01
N11-C001	0.71	0.71	0.01	0.01
N11-C002	0.71	0.71	0.01	0.01
N11-C003	0.71	0.71	0.01	0.01
N11-C004	0.71	0.71	0.01	0.01
N11-C005	0.71	0.71	0.01	0.01
N11-D001	0.71	0.71	0.01	0.01
N11-D002	0.71	0.71	0.01	0.01
N11-D003	0.71	0.71	0.01	0.01
N11-D004	0.71	0.71	0.01	0.01
N11-E001	0.71	0.71	0.01	0.01
N11-E002	0.71	0.71	0.01	0.01
N11-E003	0.71	0.71	0.01	0.01
N11-E004	0.71	0.71	0.01	0.01
S01-A002	0.71	0.71	0.01	0.01
S01-B001	0.71	0.71	0.01	0.01
S01-B002	0.71	0.71	0.01	0.01
S01-C001	0.71	0.71	0.01	0.01
S01-C002	0.71	0.71	0.01	0.01
S01-D001	0.71	0.71	0.01	0.01
S01-E002	0.71	0.71	0.01	0.01
S01-F001	0.71	0.71	0.01	0.01
S01-G001	0.71	0.71	0.01	0.01
S01-G002	0.71	0.71	0.01	0.01
S01-H001	0.71	0.71	0.01	0.01
S01-I001	0.71	0.71	0.01	0.01
S01-I002	0.71	0.71	0.01	0.01
S01-I003	0.71	0.71	0.01	0.01
S01-J001	0.71	0.71	0.01	0.01
S01-J002	0.71	0.71	0.01	0.01
S01-J003	0.71	0.71	0.01	0.01
S01-K001	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
S01-K002	0.71	0.71	0.01	0.01
S02-A001	0.71	0.71	0.01	0.01
S02-B001	0.71	0.71	0.01	0.01
S02-B002	0.71	0.71	0.01	0.01
S02-B003	0.71	0.71	0.01	0.01
S02-B004	0.71	0.71	0.01	0.01
S02-B005	0.71	0.71	0.01	0.01
S02-C001	0.71	0.71	0.01	0.01
S02-C002	0.71	0.71	0.01	0.01
S02-C003	0.71	0.71	0.01	0.01
S02-C004	0.71	0.71	0.01	0.01
S02-C005	0.71	0.71	0.01	0.01
S02-D001	0.71	0.71	0.01	0.01
S02-E002	0.71	0.71	0.01	0.01
S02-E003	0.71	0.71	0.01	0.01
S02-E004	0.71	0.71	0.01	0.01
S02-E005	0.71	0.71	0.01	0.01
S02-E006	0.71	0.71	0.01	0.01
S02-G001	0.71	0.71	0.01	0.01
S02-G002	0.71	0.71	0.01	0.01
S02-G003	0.71	0.71	0.01	0.01
S02-G004	0.71	0.71	0.01	0.01
S02-G005	0.71	0.71	0.01	0.01
S02-H001	0.71	0.71	0.01	0.01
S02-H002	0.71	0.71	0.01	0.01
S02-H003	0.71	0.71	0.01	0.01
S02-H004	0.71	0.71	0.01	0.01
S02-I001	0.71	0.71	0.01	0.01
S02-I002	0.71	0.71	0.01	0.01
S02-J001	0.71	0.71	0.01	0.01
S02-J002	0.71	0.71	0.01	0.01
S03-A001	0.71	0.71	0.01	0.01
S03-A002	0.71	0.71	0.01	0.01
S03-A003	0.71	0.71	0.01	0.01
S03-B001	0.71	0.71	0.01	0.01
S03-C001	0.71	0.71	0.01	0.01
S03-C002	0.71	0.71	0.01	0.01
S03-D001	0.71	0.71	0.01	0.01
S03-E001	0.71	0.71	0.01	0.01
S03-F001	0.71	0.71	0.01	0.01
S03-F002	0.71	0.71	0.01	0.01
S03-F003	0.71	0.71	0.01	0.01
S03-F004	0.71	0.71	0.01	0.01
S03-G001	0.71	0.71	0.01	0.01
S03-G002	0.71	0.71	0.01	0.01
S03-H001	0.71	0.71	0.01	0.01
S03-H002	0.71	0.71	0.01	0.01
S03-H003	0.71	0.71	0.01	0.01
S03-H004	0.71	0.71	0.01	0.01
S03-H005	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
S03-H006	0.71	0.71	0.01	0.01
S03-I001	0.71	0.71	0.01	0.01
S03-I002	0.71	0.71	0.01	0.01
S03-I003	0.71	0.71	0.01	0.01
S03-J001	0.71	0.71	0.01	0.01
S03-J002	0.71	0.71	0.01	0.01
S03-L001	0.71	0.71	0.01	0.01
S03-L002	0.71	0.71	0.01	0.01
S03-L003	0.71	0.71	0.01	0.01
S03-L004	0.71	0.71	0.01	0.01
S03-L005	0.71	0.71	0.01	0.01
S03-L006	0.71	0.71	0.01	0.01
S03-M001	0.71	0.71	0.01	0.01
S03-M002	0.71	0.71	0.01	0.01
S03-M003	0.71	0.71	0.01	0.01
S04-A001	0.71	0.71	0.01	0.01
S04-A002	0.71	0.71	0.01	0.01
S04-A003	0.71	0.71	0.01	0.01
S04-A004	0.71	0.71	0.01	0.01
S04-A005	0.71	0.71	0.01	0.01
S04-B001	0.71	0.71	0.01	0.01
S04-B002	0.71	0.71	0.01	0.01
S04-B003	0.71	0.71	0.01	0.01
S04-B004	0.71	0.71	0.01	0.01
S04-B005	0.71	0.71	0.01	0.01
S04-B006	0.71	0.71	0.01	0.01
S04-B007	0.71	0.71	0.01	0.01
S04-B008	0.71	0.71	0.01	0.01
S04-B009	0.71	0.71	0.01	0.01
S04-B010	0.71	0.71	0.01	0.01
S04-C001	0.71	0.71	0.01	0.01
S04-C002	0.71	0.71	0.01	0.01
S04-C003	0.71	0.71	0.01	0.01
S04-C004	0.71	0.71	0.01	0.01
S04-C005	0.71	0.71	0.01	0.01
S04-D001	0.71	0.71	0.01	0.01
S04-D002	0.71	0.71	0.01	0.01
S04-D003	0.71	0.71	0.01	0.01
S04-E001	0.71	0.71	0.01	0.01
S04-E002	0.71	0.71	0.01	0.01
S04-E003	0.71	0.71	0.01	0.01
S04-E004	0.71	0.71	0.01	0.01
S04-E005	0.71	0.71	0.01	0.01
S04-E006	0.71	0.71	0.01	0.01
S04-E007	0.71	0.71	0.01	0.01
S04-F001	0.71	0.71	0.01	0.01
S04-F002	0.71	0.71	0.01	0.01
S04-F003	0.71	0.71	0.01	0.01
S04-G001	0.71	0.71	0.01	0.01
S04-G002	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
S04-G003	0.71	0.71	0.01	0.01
S04-H001	0.71	0.71	0.01	0.01
S04-H002	0.71	0.71	0.01	0.01
S04-H003	0.71	0.71	0.01	0.01
S04-H004	0.71	0.71	0.01	0.01
S05-A001	0.71	0.71	0.01	0.01
S05-A002	0.71	0.71	0.01	0.01
S05-A003	0.71	0.71	0.01	0.01
S05-A004	0.71	0.71	0.01	0.01
S05-B001	0.71	0.71	0.01	0.01
S05-B002	0.71	0.71	0.01	0.01
S05-B003	0.71	0.71	0.01	0.01
S05-B004	0.71	0.71	0.01	0.01
S05-C001	0.71	0.71	0.01	0.01
S05-C002	0.71	0.71	0.01	0.01
S05-D001	0.71	0.71	0.01	0.01
S05-D002	0.71	0.71	0.01	0.01
S05-E001	0.71	0.71	0.01	0.01
S05-E002	0.71	0.71	0.01	0.01
S05-E003	0.71	0.71	0.01	0.01
S05-E004	0.71	0.71	0.01	0.01
S05-F001	0.71	0.71	0.01	0.01
S05-F002	0.71	0.71	0.01	0.01
S05-F003	0.71	0.71	0.01	0.01
S05-G001	0.71	0.71	0.01	0.01
S05-G002	0.71	0.71	0.01	0.01
S05-H001	0.71	0.71	0.01	0.01
S05-H002	0.71	0.71	0.01	0.01
S05-H003	0.71	0.71	0.01	0.01
S05-H004	0.71	0.71	0.01	0.01
S05-H005	0.71	0.71	0.01	0.01
S05-H006	0.71	0.71	0.01	0.01
S05-I001	0.71	0.71	0.01	0.01
S05-I002	0.71	0.71	0.01	0.01
S05-I003	0.71	0.71	0.01	0.01
S05-I004	0.71	0.71	0.01	0.01
S05-J001	0.71	0.71	0.01	0.01
S05-J002	0.71	0.71	0.01	0.01
S05-J003	0.71	0.71	0.01	0.01
S05-L001	0.71	0.71	0.01	0.01
S05-L002	0.71	0.71	0.01	0.01
S05-L003	0.71	0.71	0.01	0.01
P01-A001	0.71	0.71	0.01	0.01
P01-A002	0.71	0.71	0.01	0.01
P01-B001	0.71	0.71	0.01	0.01
P01-B002	0.71	0.71	0.01	0.01
P01-B003	0.71	0.71	0.01	0.01
P01-C001	0.71	0.71	0.01	0.01
P01-C002	0.71	0.71	0.01	0.01
P01-D001	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
P01-D002	0.71	0.71	0.01	0.01
P01-E001	0.71	0.71	0.01	0.01
P01-F001	0.71	0.71	0.01	0.01
P01-G001	0.71	0.71	0.01	0.01
P01-G002	0.71	0.71	0.01	0.01
P01-G003	0.71	0.71	0.01	0.01
P01-H001	0.71	0.71	0.01	0.01
P01-H002	0.71	0.71	0.01	0.01
P01-H003	0.71	0.71	0.01	0.01
P01-H004	0.71	0.71	0.01	0.01
P01-I001	0.71	0.71	0.01	0.01
P01-I002	0.71	0.71	0.01	0.01
P01-J001	0.71	0.71	0.01	0.01
P01-J002	0.71	0.71	0.01	0.01
P01-J003	0.71	0.71	0.01	0.01
P01-L001	0.71	0.71	0.01	0.01
S01-F002	0.71	0.71	0.01	0.01
S01-A001	0.71	0.71	0.01	0.01
N10-A004	0.71	0.71	0.01	0.01
S01-E001	0.71	0.71	0.01	0.01
S02-E001	0.71	0.71	0.01	0.01
S02-F008	0.71	0.71	0.01	0.01
S02-F001	0.71	0.71	0.01	0.01
S02-F002	0.71	0.71	0.01	0.01
S02-F003	0.71	0.71	0.01	0.01
S02-F004	0.71	0.71	0.01	0.01
S02-F005	0.71	0.71	0.01	0.01
S02-F006	0.71	0.71	0.01	0.01
S02-F007	0.71	0.71	0.01	0.01
S02-F009	0.71	0.71	0.01	0.01
N09_A001	0.71	0.71	0.01	0.01
N09_A002	0.71	0.71	0.01	0.01
N09_A003	0.71	0.71	0.01	0.01
N09_A004	0.71	0.71	0.01	0.01
N09_A005	0.71	0.71	0.01	0.01
N09_B001	0.71	0.71	0.01	0.01
N09_B002	0.71	0.71	0.01	0.01
N09_B003	0.71	0.71	0.01	0.01
N09_B004	0.71	0.71	0.01	0.01
N09_B005	0.71	0.71	0.01	0.01
N09_B006	0.71	0.71	0.01	0.01
N09_B007	0.71	0.71	0.01	0.01
N09_C001	0.71	0.71	0.01	0.01
N09_C002	0.71	0.71	0.01	0.01
N09_C003	0.71	0.71	0.01	0.01
N09_C004	0.71	0.71	0.01	0.01
N09_C005	0.71	0.71	0.01	0.01
N09_D001	0.71	0.71	0.01	0.01
N09_D002	0.71	0.71	0.01	0.01
N09_D003	0.71	0.71	0.01	0.01

Pipe Quality Summary				
Pipe Name	N2		O2	
	%		%	
	Head	Tail	Head	Tail
N09_D004	0.71	0.71	0.01	0.01
N09_D005	0.71	0.71	0.01	0.01
N09_D006	0.71	0.71	0.01	0.01
N09_D007	0.71	0.71	0.01	0.01
N09_D008	0.71	0.71	0.01	0.01
N09_D009	0.71	0.71	0.01	0.01

Pipe Wall Temperature Summary Report : 0.000000 hours

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
N01-A001	Head	51.70	51.64	51.63	28.00
	Tail	45.17	45.13	45.12	28.00
N01-B001	Head	45.17	45.13	45.12	28.00
	Tail	41.02	40.98	40.98	28.00
N02-A001	Head	48.00	47.95	47.94	28.00
	Tail	45.63	45.59	45.58	28.00
N02-B001	Head	45.63	45.59	45.58	28.00
	Tail	41.18	41.14	41.14	28.00
N02-C001	Head	41.18	41.14	41.14	28.00
	Tail	36.86	36.84	36.84	28.00
N02-D001	Head	36.86	36.84	36.84	28.00
	Tail	33.02	33.01	33.00	28.00
N02-E001	Head	33.02	33.01	33.00	28.00
	Tail	29.19	29.19	29.19	28.00
N03-A001	Head	48.00	47.95	47.94	28.00
	Tail	43.46	43.42	43.41	28.00
N03-B001	Head	43.46	43.42	43.41	28.00
	Tail	38.93	38.90	38.89	28.00
N03-C001	Head	38.93	38.90	38.89	28.00
	Tail	35.16	35.15	35.14	28.00
N03-D001	Head	35.16	35.15	35.14	28.00
	Tail	31.97	31.96	31.96	28.00
N03-E001	Head	31.97	31.96	31.96	28.00
	Tail	29.38	29.38	29.37	28.00
N04-A001	Head	48.00	47.95	47.94	28.00
	Tail	45.36	45.31	45.31	28.00
N04-A002	Head	45.36	45.31	45.31	28.00
	Tail	44.43	44.39	44.38	28.00
N04-A003	Head	44.43	44.39	44.38	28.00
	Tail	43.84	43.80	43.79	28.00
N04-B001	Head	43.84	43.80	43.79	28.00
	Tail	38.83	38.81	38.80	28.00
N04-C001	Head	38.83	38.81	38.80	28.00
	Tail	38.10	38.07	38.07	28.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
N04-C002	Head	38.10	38.07	38.07	28.00
	Tail	35.95	35.93	35.92	28.00
N04-C003	Head	35.95	35.93	35.92	28.00
	Tail	34.64	34.62	34.62	28.00
N04-D001	Head	34.64	34.62	34.62	28.00
	Tail	29.60	29.59	29.59	28.00
N05-A001	Head	48.00	47.95	47.94	28.00
	Tail	41.20	41.17	41.16	28.00
N05-B001	Head	41.20	41.17	41.16	28.00
	Tail	39.53	39.50	39.49	28.00
N05-B002	Head	39.53	39.50	39.49	28.00
	Tail	37.75	37.73	37.72	28.00
N05-B003	Head	37.75	37.73	37.72	28.00
	Tail	37.69	37.66	37.66	28.00
N05-B004	Head	37.69	37.66	37.66	28.00
	Tail	35.96	35.94	35.93	28.00
N05-C001	Head	35.96	35.94	35.93	28.00
	Tail	32.05	32.04	32.04	28.00
N05-D001	Head	32.05	32.04	32.04	28.00
	Tail	29.27	29.27	29.27	28.00
N06-A001	Head	48.00	47.95	47.94	28.00
	Tail	48.06	48.01	48.00	28.00
N06-A002	Head	48.06	48.01	48.00	28.00
	Tail	42.00	41.96	41.96	28.00
N06-B001	Head	42.00	41.96	41.96	28.00
	Tail	40.83	40.79	40.79	28.00
N06-B002	Head	40.83	40.79	40.79	28.00
	Tail	37.23	37.20	37.20	28.00
N06-C001	Head	37.23	37.20	37.20	28.00
	Tail	34.25	34.24	34.23	28.00
N06-D001	Head	34.25	34.24	34.23	28.00
	Tail	31.36	31.36	31.35	28.00
N06-E001	Head	31.36	31.36	31.35	28.00
	Tail	28.91	28.91	28.91	28.00
N07-A001	Head	48.00	47.95	47.94	28.00
	Tail	42.68	42.64	42.63	28.00
N07-B001	Head	42.68	42.64	42.63	28.00
	Tail	40.20	40.17	40.16	28.00
N07-B002	Head	40.20	40.16	40.16	26.00
	Tail	38.28	38.24	38.24	26.00
N07-C001	Head	38.28	38.24	38.23	26.00
	Tail	36.92	36.89	36.88	26.00
N07-C002	Head	36.92	36.89	36.88	26.00
	Tail	33.67	33.65	33.64	26.00
N07-D001	Head	33.67	33.65	33.64	26.00
	Tail	30.55	30.54	30.54	26.00
N07-E001	Head	30.55	30.54	30.54	26.00
	Tail	28.22	28.21	28.21	26.00
N08-A001	Head	48.00	47.94	47.93	26.00
	Tail	41.90	41.86	41.85	26.00
N08-B001	Head	41.90	41.86	41.85	26.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
	Tail	37.97	37.94	37.93	26.00
N08-B002	Head	37.97	37.94	37.93	26.00
	Tail	36.25	36.22	36.22	26.00
N08-C001	Head	36.25	36.22	36.22	26.00
	Tail	34.56	34.53	34.53	26.00
N08-C002	Head	34.56	34.53	34.53	26.00
	Tail	32.83	32.81	32.81	26.00
N08-D001	Head	32.83	32.81	32.80	26.00
	Tail	32.10	32.09	32.08	26.00
N08-D002	Head	32.10	32.09	32.08	26.00
	Tail	31.75	31.73	31.73	26.00
N08-D003	Head	31.75	31.73	31.73	26.00
	Tail	29.68	29.67	29.67	26.00
N10-A001	Head	48.00	47.94	47.93	26.00
	Tail	47.49	47.43	47.42	26.00
N10-A002	Head	47.49	47.43	47.41	26.00
	Tail	45.66	45.61	45.60	26.00
N10-A003	Head	45.66	45.61	45.60	26.00
	Tail	43.51	43.46	43.45	26.00
N10-B001	Head	42.27	42.23	42.22	26.00
	Tail	38.04	38.00	38.00	26.00
N10-C001	Head	38.04	38.00	38.00	26.00
	Tail	37.59	37.56	37.55	26.00
N10-C002	Head	37.59	37.56	37.55	26.00
	Tail	35.81	35.79	35.78	26.00
N10-C003	Head	35.81	35.79	35.78	26.00
	Tail	34.90	34.87	34.87	26.00
N10-C004	Head	34.90	34.87	34.87	26.00
	Tail	34.00	33.97	33.97	26.00
N10-C005	Head	34.00	33.97	33.97	26.00
	Tail	34.25	34.22	34.22	26.00
N10-C006	Head	34.25	34.22	34.22	26.00
	Tail	33.96	33.93	33.93	26.00
N10-D001	Head	33.95	33.93	33.93	26.00
	Tail	29.19	29.18	29.17	26.00
N10-E001	Head	29.19	29.18	29.18	28.00
	Tail	29.64	29.63	29.63	28.00
N10-E002	Head	29.64	29.63	29.63	28.00
	Tail	28.73	28.73	28.73	28.00
N10-E003	Head	28.73	28.73	28.73	28.00
	Tail	29.65	29.65	29.65	28.00
N10-E004	Head	29.65	29.65	29.65	28.00
	Tail	28.02	28.02	28.02	28.00
N11-A001	Head	48.00	47.94	47.93	28.00
	Tail	45.90	45.85	45.84	28.00
N11-A002	Head	45.90	45.85	45.84	28.00
	Tail	45.64	45.59	45.58	28.00
N11-A003	Head	45.64	45.59	45.58	28.00
	Tail	45.56	45.51	45.50	28.00
N11-A004	Head	45.56	45.51	45.50	28.00
	Tail	42.39	42.34	42.34	28.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
N11-B001	Head	42.39	42.34	42.34	28.00
	Tail	41.47	41.43	41.42	28.00
N11-B002	Head	41.47	41.43	41.42	28.00
	Tail	42.37	42.33	42.32	28.00
N11-B003	Head	42.37	42.33	42.32	28.00
	Tail	40.59	40.55	40.54	28.00
N11-B004	Head	40.59	40.55	40.54	28.00
	Tail	39.72	39.68	39.67	28.00
N11-C001	Head	39.72	39.67	39.67	26.00
	Tail	39.77	39.73	39.72	26.00
N11-C002	Head	39.77	39.73	39.72	26.00
	Tail	39.54	39.50	39.49	26.00
N11-C003	Head	39.54	39.50	39.49	26.00
	Tail	38.05	38.01	38.01	26.00
N11-C004	Head	38.05	38.01	38.01	26.00
	Tail	35.37	35.34	35.33	26.00
N11-C005	Head	35.37	35.34	35.33	26.00
	Tail	35.39	35.37	35.36	26.00
N11-D001	Head	35.39	35.37	35.36	26.00
	Tail	35.07	35.05	35.04	26.00
N11-D002	Head	35.07	35.05	35.04	26.00
	Tail	35.17	35.14	35.13	26.00
N11-D003	Head	35.17	35.14	35.13	26.00
	Tail	33.76	33.73	33.73	26.00
N11-D004	Head	33.76	33.73	33.73	26.00
	Tail	32.74	32.72	32.71	26.00
N11-E001	Head	32.74	32.72	32.71	26.00
	Tail	32.66	32.64	32.64	26.00
N11-E002	Head	32.66	32.64	32.64	26.00
	Tail	32.52	32.50	32.50	26.00
N11-E003	Head	32.52	32.50	32.50	26.00
	Tail	31.35	31.33	31.33	26.00
N11-E004	Head	31.35	31.33	31.33	26.00
	Tail	30.56	30.54	30.54	26.00
S01-A002	Head	47.05	46.97	46.96	26.00
	Tail	43.88	43.81	43.80	26.00
S01-B001	Head	43.88	43.81	43.80	26.00
	Tail	42.16	42.10	42.09	26.00
S01-B002	Head	42.16	42.10	42.09	26.00
	Tail	40.54	40.48	40.48	26.00
S01-C001	Head	40.54	40.48	40.48	26.00
	Tail	38.44	38.39	38.39	26.00
S01-C002	Head	38.44	38.39	38.39	26.00
	Tail	38.07	38.03	38.02	26.00
S01-D001	Head	38.07	38.03	38.02	26.00
	Tail	34.48	34.44	34.44	26.00
S01-E002	Head	33.38	33.35	33.35	26.00
	Tail	30.92	30.90	30.90	26.00
S01-F001	Head	30.92	30.90	30.90	26.00
	Tail	28.84	28.83	28.83	26.00
S01-G001	Head	27.53	27.53	27.53	26.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
	Tail	27.57	27.56	27.56	26.00
S01-G002	Head	27.57	27.56	27.56	26.00
	Tail	26.10	26.10	26.10	26.00
S01-H001	Head	26.10	26.10	26.10	26.00
	Tail	25.43	25.43	25.43	26.00
S01-I001	Head	25.43	25.43	25.43	26.00
	Tail	25.38	25.38	25.38	26.00
S01-I002	Head	25.38	25.38	25.38	26.00
	Tail	24.45	24.46	24.46	26.00
S01-I003	Head	24.45	24.46	24.46	26.00
	Tail	24.41	24.41	24.42	26.00
S01-J001	Head	24.41	24.41	24.42	26.00
	Tail	24.39	24.40	24.40	26.00
S01-J002	Head	24.39	24.40	24.40	26.00
	Tail	23.30	23.31	23.31	26.00
S01-J003	Head	23.30	23.31	23.31	26.00
	Tail	23.67	23.68	23.69	26.00
S01-K001	Head	23.67	23.68	23.69	26.00
	Tail	24.25	24.26	24.26	26.00
S01-K002	Head	24.25	24.26	24.26	26.00
	Tail	23.45	23.46	23.46	26.00
S02-A001	Head	48.00	47.90	47.89	24.00
	Tail	37.97	37.91	37.90	24.00
S02-B001	Head	37.97	37.91	37.90	24.00
	Tail	37.74	37.68	37.67	24.00
S02-B002	Head	37.74	37.68	37.67	24.00
	Tail	36.09	36.04	36.03	24.00
S02-B003	Head	36.09	36.04	36.03	24.00
	Tail	34.97	34.93	34.92	24.00
S02-B004	Head	34.97	34.93	34.92	24.00
	Tail	32.85	32.81	32.80	24.00
S02-B005	Head	32.85	32.81	32.80	24.00
	Tail	32.11	32.08	32.07	24.00
S02-C001	Head	32.11	32.08	32.07	24.00
	Tail	31.51	31.48	31.48	24.00
S02-C002	Head	31.51	31.48	31.48	24.00
	Tail	29.62	29.60	29.59	24.00
S02-C003	Head	29.62	29.60	29.59	24.00
	Tail	29.96	29.93	29.93	24.00
S02-C004	Head	29.96	29.93	29.93	24.00
	Tail	28.64	28.62	28.62	24.00
S02-C005	Head	28.64	28.62	28.62	24.00
	Tail	28.45	28.43	28.43	24.00
S02-D001	Head	28.45	28.43	28.43	24.00
	Tail	26.16	26.15	26.15	24.00
S02-E002	Head	27.28	27.26	27.26	24.00
	Tail	25.70	25.70	25.70	24.00
S02-E003	Head	25.70	25.70	25.70	24.00
	Tail	26.15	26.14	26.14	24.00
S02-E004	Head	26.15	26.14	26.14	24.00
	Tail	23.95	23.95	23.95	24.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
S02-E005	Head	23.95	23.95	23.95	24.00
	Tail	25.36	25.35	25.35	24.00
S02-E006	Head	25.36	25.35	25.35	24.00
	Tail	24.34	24.34	24.34	24.00
S02-G001	Head	21.98	21.99	21.99	24.00
	Tail	23.40	23.40	23.40	24.00
S02-G002	Head	23.40	23.40	23.40	24.00
	Tail	21.09	21.10	21.10	24.00
S02-G003	Head	21.09	21.10	21.10	24.00
	Tail	22.25	22.26	22.26	24.00
S02-G004	Head	22.25	22.26	22.26	24.00
	Tail	21.08	21.09	21.09	24.00
S02-G005	Head	21.08	21.09	21.09	24.00
	Tail	20.12	20.14	20.14	24.00
S02-H001	Head	20.12	20.14	20.14	24.00
	Tail	21.79	21.80	21.80	24.00
S02-H002	Head	21.79	21.80	21.80	24.00
	Tail	19.70	19.72	19.72	24.00
S02-H003	Head	19.70	19.72	19.72	24.00
	Tail	20.81	20.82	20.82	24.00
S02-H004	Head	20.81	20.82	20.82	24.00
	Tail	20.09	20.11	20.11	24.00
S02-I001	Head	20.09	20.11	20.11	24.00
	Tail	19.42	19.44	19.44	24.00
S02-I002	Head	19.42	19.43	19.44	24.00
	Tail	19.89	19.91	19.91	24.00
S02-J001	Head	19.89	19.91	19.91	24.00
	Tail	20.33	20.35	20.35	24.00
S02-J002	Head	20.33	20.35	20.35	24.00
	Tail	20.39	20.40	20.41	24.00
S03-A001	Head	42.38	42.25	42.25	21.00
	Tail	41.70	41.57	41.56	21.00
S03-A002	Head	41.70	41.57	41.56	21.00
	Tail	36.52	36.43	36.42	21.00
S03-A003	Head	36.52	36.43	36.42	21.00
	Tail	34.11	34.04	34.03	21.00
S03-B001	Head	34.11	34.03	34.03	21.00
	Tail	25.27	25.25	25.24	21.00
S03-C001	Head	25.27	25.25	25.24	21.00
	Tail	23.62	23.61	23.61	21.00
S03-C002	Head	23.62	23.61	23.61	21.00
	Tail	23.11	23.10	23.10	21.00
S03-D001	Head	23.11	23.10	23.10	21.00
	Tail	24.46	24.44	24.44	21.00
S03-E001	Head	24.46	24.44	24.44	21.00
	Tail	21.85	21.85	21.85	21.00
S03-F001	Head	21.85	21.85	21.85	21.00
	Tail	21.33	21.33	21.33	21.00
S03-F002	Head	21.33	21.33	21.33	21.00
	Tail	20.97	20.97	20.97	21.00
S03-F003	Head	20.97	20.97	20.97	21.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
	Tail	20.47	20.47	20.47	21.00
S03-F004	Head	20.47	20.47	20.47	21.00
	Tail	20.61	20.61	20.61	21.00
S03-G001	Head	20.61	20.61	20.61	21.00
	Tail	18.86	18.87	18.87	21.00
S03-G002	Head	18.86	18.87	18.87	21.00
	Tail	19.83	19.84	19.84	21.00
S03-H001	Head	19.83	19.84	19.84	21.00
	Tail	19.24	19.25	19.25	21.00
S03-H002	Head	19.24	19.25	19.25	21.00
	Tail	20.45	20.45	20.45	21.00
S03-H003	Head	20.45	20.45	20.45	21.00
	Tail	18.28	18.30	18.30	21.00
S03-H004	Head	18.28	18.30	18.30	21.00
	Tail	20.04	20.05	20.05	21.00
S03-H005	Head	20.04	20.05	20.05	21.00
	Tail	18.82	18.83	18.83	21.00
S03-H006	Head	18.82	18.83	18.83	21.00
	Tail	21.06	21.06	21.06	21.00
S03-I001	Head	21.06	21.06	21.06	21.00
	Tail	21.07	21.07	21.07	21.00
S03-I002	Head	21.07	21.07	21.07	21.00
	Tail	19.75	19.75	19.76	21.00
S03-I003	Head	19.75	19.75	19.75	21.00
	Tail	20.69	20.69	20.69	21.00
S03-J001	Head	20.69	20.69	20.69	21.00
	Tail	20.78	20.79	20.79	21.00
S03-J002	Head	20.78	20.79	20.79	21.00
	Tail	20.53	20.53	20.53	21.00
S03-L001	Head	20.53	20.53	20.53	21.00
	Tail	18.34	18.36	18.36	21.00
S03-L002	Head	18.34	18.36	18.36	21.00
	Tail	20.88	20.88	20.88	21.00
S03-L003	Head	20.88	20.88	20.88	21.00
	Tail	19.18	19.20	19.20	21.00
S03-L004	Head	19.18	19.20	19.20	21.00
	Tail	20.86	20.86	20.86	21.00
S03-L005	Head	20.86	20.86	20.86	21.00
	Tail	20.22	20.23	20.23	21.00
S03-L006	Head	20.22	20.23	20.23	21.00
	Tail	21.02	21.02	21.02	21.00
S03-M001	Head	21.02	21.02	21.02	21.00
	Tail	20.02	20.03	20.03	21.00
S03-M002	Head	20.02	20.03	20.03	21.00
	Tail	21.01	21.01	21.01	21.00
S03-M003	Head	21.01	21.01	21.01	21.00
	Tail	20.88	20.88	20.88	21.00
S04-A001	Head	48.00	47.81	47.80	21.00
	Tail	35.56	35.46	35.46	21.00
S04-A002	Head	35.56	35.46	35.46	21.00
	Tail	32.60	32.53	32.52	21.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
S04-A003	Head	32.60	32.53	32.52	21.00
	Tail	29.92	29.86	29.86	21.00
S04-A004	Head	29.92	29.86	29.86	21.00
	Tail	25.39	25.37	25.36	21.00
S04-A005	Head	25.39	25.36	25.36	21.00
	Tail	26.63	26.59	26.59	21.00
S04-B001	Head	26.63	26.59	26.59	21.00
	Tail	23.28	23.26	23.26	21.00
S04-B002	Head	23.28	23.26	23.26	21.00
	Tail	23.19	23.17	23.17	21.00
S04-B003	Head	23.19	23.17	23.17	21.00
	Tail	21.48	21.48	21.48	21.00
S04-B004	Head	21.48	21.48	21.48	21.00
	Tail	23.35	23.33	23.33	21.00
S04-B005	Head	23.35	23.33	23.33	21.00
	Tail	20.70	20.70	20.70	21.00
S04-B006	Head	20.70	20.70	20.70	21.00
	Tail	21.95	21.94	21.94	21.00
S04-B007	Head	21.95	21.94	21.94	21.00
	Tail	20.38	20.39	20.39	21.00
S04-B008	Head	20.38	20.39	20.39	21.00
	Tail	21.45	21.45	21.45	21.00
S04-B009	Head	21.45	21.45	21.45	21.00
	Tail	19.59	19.60	19.60	21.00
S04-B010	Head	19.59	19.60	19.60	21.00
	Tail	20.14	20.15	20.15	21.00
S04-C001	Head	20.14	20.15	20.15	21.00
	Tail	21.23	21.23	21.23	21.00
S04-C002	Head	21.23	21.23	21.23	21.00
	Tail	20.21	20.21	20.21	21.00
S04-C003	Head	20.21	20.21	20.21	21.00
	Tail	21.44	21.44	21.44	21.00
S04-C004	Head	21.44	21.44	21.44	21.00
	Tail	20.16	20.17	20.17	21.00
S04-C005	Head	20.16	20.17	20.17	21.00
	Tail	21.65	21.64	21.64	21.00
S04-D001	Head	21.65	21.64	21.64	21.00
	Tail	21.59	21.58	21.58	21.00
S04-D002	Head	21.59	21.58	21.58	21.00
	Tail	20.31	20.31	20.31	21.00
S04-D003	Head	20.31	20.31	20.31	21.00
	Tail	21.27	21.27	21.27	21.00
S04-E001	Head	21.27	21.27	21.27	21.00
	Tail	20.08	20.08	20.08	21.00
S04-E002	Head	20.08	20.08	20.08	21.00
	Tail	21.30	21.30	21.30	21.00
S04-E003	Head	21.30	21.30	21.30	21.00
	Tail	20.11	20.12	20.12	21.00
S04-E004	Head	20.11	20.12	20.12	21.00
	Tail	21.23	21.23	21.23	21.00
S04-E005	Head	21.23	21.23	21.23	21.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
	Tail	19.76	19.76	19.76	21.00
S04-E006	Head	19.76	19.76	19.76	21.00
	Tail	20.86	20.86	20.87	21.00
S04-E007	Head	20.86	20.86	20.87	21.00
	Tail	20.81	20.82	20.82	21.00
S04-F001	Head	20.81	20.82	20.82	21.00
	Tail	18.46	18.48	18.48	21.00
S04-F002	Head	18.46	18.48	18.48	21.00
	Tail	19.42	19.43	19.43	21.00
S04-F003	Head	19.42	19.43	19.43	21.00
	Tail	18.57	18.58	18.58	21.00
S04-G001	Head	18.57	18.58	18.58	21.00
	Tail	20.08	20.09	20.09	21.00
S04-G002	Head	20.08	20.09	20.09	21.00
	Tail	18.72	18.74	18.74	21.00
S04-G003	Head	18.72	18.74	18.74	21.00
	Tail	21.25	21.25	21.25	21.00
S04-H001	Head	21.25	21.25	21.25	21.00
	Tail	20.54	20.54	20.54	21.00
S04-H002	Head	20.54	20.54	20.54	21.00
	Tail	19.37	19.39	19.39	21.00
S04-H003	Head	19.37	19.39	19.39	21.00
	Tail	20.22	20.23	20.23	21.00
S04-H004	Head	20.22	20.23	20.23	21.00
	Tail	19.67	19.68	19.68	21.00
S05-A001	Head	48.00	47.79	47.78	21.00
	Tail	45.04	44.86	44.85	21.00
S05-A002	Head	45.04	44.86	44.85	21.00
	Tail	40.76	40.61	40.60	21.00
S05-A003	Head	40.76	40.61	40.60	21.00
	Tail	35.18	35.07	35.06	21.00
S05-A004	Head	35.18	35.05	35.04	21.00
	Tail	25.27	25.24	25.23	21.00
S05-B001	Head	25.27	25.24	25.23	21.00
	Tail	22.46	22.45	22.45	21.00
S05-B002	Head	22.46	22.45	22.45	21.00
	Tail	21.94	21.93	21.93	21.00
S05-B003	Head	21.94	21.93	21.93	21.00
	Tail	20.36	20.37	20.37	21.00
S05-B004	Head	20.36	20.37	20.37	21.00
	Tail	21.60	21.59	21.59	21.00
S05-C001	Head	21.60	21.59	21.59	21.00
	Tail	20.55	20.55	20.55	21.00
S05-C002	Head	20.55	20.55	20.55	21.00
	Tail	15.37	15.42	15.42	21.00
S05-D001	Head	15.37	15.42	15.42	21.00
	Tail	20.52	20.53	20.53	21.00
S05-D002	Head	20.52	20.53	20.53	21.00
	Tail	19.78	19.79	19.79	21.00
S05-E001	Head	19.78	19.79	19.79	21.00
	Tail	20.36	20.36	20.36	21.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
S05-E002	Head	20.36	20.36	20.36	21.00
	Tail	20.27	20.28	20.28	21.00
S05-E003	Head	20.27	20.28	20.28	21.00
	Tail	21.15	21.15	21.15	21.00
S05-E004	Head	21.15	21.15	21.15	21.00
	Tail	20.33	20.33	20.33	21.00
S05-F001	Head	20.33	20.33	20.33	21.00
	Tail	20.56	20.57	20.57	21.00
S05-F002	Head	20.56	20.57	20.57	21.00
	Tail	21.18	21.18	21.18	21.00
S05-F003	Head	21.18	21.18	21.18	21.00
	Tail	20.22	20.23	20.23	21.00
S05-G001	Head	20.22	20.23	20.23	21.00
	Tail	21.00	21.00	21.00	21.00
S05-G002	Head	21.00	21.00	21.00	21.00
	Tail	20.32	20.32	20.32	21.00
S05-H001	Head	20.32	20.32	20.32	21.00
	Tail	23.40	23.38	23.38	21.00
S05-H002	Head	23.40	23.38	23.38	21.00
	Tail	21.01	21.01	21.01	21.00
S05-H003	Head	21.01	21.01	21.01	21.00
	Tail	22.76	22.74	22.74	21.00
S05-H004	Head	22.76	22.74	22.74	21.00
	Tail	20.36	20.36	20.36	21.00
S05-H005	Head	20.36	20.36	20.36	21.00
	Tail	22.36	22.34	22.34	21.00
S05-H006	Head	22.36	22.34	22.34	21.00
	Tail	22.01	22.00	22.00	21.00
S05-I001	Head	22.01	22.00	22.00	21.00
	Tail	21.38	21.37	21.37	21.00
S05-I002	Head	21.38	21.37	21.37	21.00
	Tail	21.38	21.38	21.38	21.00
S05-I003	Head	21.38	21.38	21.38	21.00
	Tail	21.08	21.08	21.08	21.00
S05-I004	Head	21.08	21.08	21.08	21.00
	Tail	20.90	20.90	20.90	21.00
S05-J001	Head	20.90	20.90	20.90	21.00
	Tail	20.02	20.03	20.03	21.00
S05-J002	Head	20.02	20.03	20.03	21.00
	Tail	20.81	20.81	20.81	21.00
S05-J003	Head	20.81	20.81	20.81	21.00
	Tail	20.05	20.05	20.05	21.00
S05-L001	Head	20.05	20.05	20.05	21.00
	Tail	19.87	19.88	19.88	21.00
S05-L002	Head	19.87	19.88	19.88	21.00
	Tail	20.96	20.96	20.96	21.00
S05-L003	Head	20.96	20.96	20.96	21.00
	Tail	20.78	20.78	20.78	21.00
P01-A001	Head	26.66	26.65	26.65	24.00
	Tail	26.36	26.35	26.35	24.00
P01-A002	Head	26.36	26.35	26.35	24.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
	Tail	25.62	25.61	25.61	24.00
P01-B001	Head	25.62	25.61	25.61	24.00
	Tail	25.69	25.68	25.68	24.00
P01-B002	Head	25.69	25.68	25.68	24.00
	Tail	24.46	24.46	24.46	24.00
P01-B003	Head	24.46	24.46	24.46	24.00
	Tail	23.94	23.94	23.94	24.00
P01-C001	Head	23.94	23.94	23.94	24.00
	Tail	24.48	24.48	24.47	24.00
P01-C002	Head	24.48	24.48	24.47	24.00
	Tail	23.44	23.44	23.44	24.00
P01-D001	Head	23.44	23.44	23.44	24.00
	Tail	23.53	23.53	23.53	24.00
P01-D002	Head	23.53	23.53	23.53	24.00
	Tail	22.40	22.41	22.41	24.00
P01-E001	Head	22.40	22.41	22.41	24.00
	Tail	22.75	22.75	22.75	24.00
P01-F001	Head	22.75	22.75	22.75	24.00
	Tail	22.87	22.88	22.88	24.00
P01-G001	Head	22.87	22.88	22.88	24.00
	Tail	22.86	22.87	22.87	24.00
P01-G002	Head	22.86	22.87	22.87	24.00
	Tail	21.53	21.54	21.54	24.00
P01-G003	Head	21.53	21.54	21.54	24.00
	Tail	22.37	22.38	22.38	24.00
P01-H001	Head	22.37	22.38	22.38	24.00
	Tail	22.76	22.77	22.77	24.00
P01-H002	Head	22.76	22.77	22.77	24.00
	Tail	21.74	21.75	21.75	24.00
P01-H003	Head	21.74	21.75	21.76	24.00
	Tail	23.81	23.81	23.81	24.00
P01-H004	Head	23.81	23.81	23.81	24.00
	Tail	22.95	22.96	22.96	24.00
P01-I001	Head	22.95	22.96	22.96	24.00
	Tail	22.84	22.85	22.85	24.00
P01-I002	Head	22.84	22.85	22.85	24.00
	Tail	23.37	23.37	23.37	24.00
P01-J001	Head	23.37	23.37	23.37	24.00
	Tail	23.16	23.17	23.17	24.00
P01-J002	Head	23.16	23.17	23.17	24.00
	Tail	23.95	23.95	23.95	24.00
P01-J003	Head	23.95	23.95	23.95	24.00
	Tail	23.77	23.77	23.77	24.00
P01-L001	Head	23.77	23.77	23.77	24.00
	Tail	23.30	23.31	23.31	24.00
S01-F002	Head	28.84	28.81	28.80	21.00
	Tail	27.54	27.51	27.51	21.00
S01-A001	Head	48.00	47.90	47.89	21.00
	Tail	47.05	46.95	46.94	21.00
N10-A004	Head	43.51	43.46	43.45	26.00
	Tail	42.27	42.23	42.22	26.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
S01-E001	Head	34.48	34.42	34.42	21.00
	Tail	33.38	33.33	33.32	21.00
S02-E001	Head	26.16	26.14	26.14	21.00
	Tail	27.28	27.25	27.25	21.00
S02-F008	Head	22.03	22.02	22.02	21.00
	Tail	23.45	23.44	23.44	21.00
S02-F001	Head	24.34	24.33	24.32	21.00
	Tail	24.98	24.97	24.96	21.00
S02-F002	Head	24.98	24.97	24.96	21.00
	Tail	21.91	21.90	21.90	21.00
S02-F003	Head	21.91	21.90	21.90	21.00
	Tail	23.35	23.34	23.34	21.00
S02-F004	Head	23.35	23.34	23.34	21.00
	Tail	22.12	22.11	22.11	21.00
S02-F005	Head	22.12	22.11	22.11	21.00
	Tail	22.99	22.98	22.98	21.00
S02-F006	Head	22.99	22.98	22.98	21.00
	Tail	21.68	21.67	21.67	21.00
S02-F007	Head	21.68	21.67	21.67	21.00
	Tail	22.03	22.02	22.02	21.00
S02-F009	Head	23.45	23.44	23.44	21.00
	Tail	21.98	21.98	21.98	21.00
N09_A001	Head	48.00	47.94	47.93	26.00
	Tail	47.80	47.74	47.73	26.00
N09_A002	Head	47.80	47.74	47.73	26.00
	Tail	45.57	45.51	45.50	26.00
N09_A003	Head	45.57	45.51	45.50	26.00
	Tail	43.82	43.77	43.76	26.00
N09_A004	Head	43.82	43.77	43.76	26.00
	Tail	43.24	43.19	43.18	26.00
N09_A005	Head	43.24	43.19	43.18	26.00
	Tail	42.99	42.94	42.93	26.00
N09_B001	Head	42.99	42.94	42.93	26.00
	Tail	42.65	42.60	42.59	26.00
N09_B002	Head	42.65	42.60	42.59	26.00
	Tail	41.40	41.35	41.35	26.00
N09_B003	Head	41.40	41.35	41.35	26.00
	Tail	41.48	41.44	41.43	26.00
N09_B004	Head	41.48	41.44	41.43	26.00
	Tail	40.72	40.68	40.67	26.00
N09_B005	Head	40.72	40.68	40.67	26.00
	Tail	40.36	40.31	40.31	26.00
N09_B006	Head	40.36	40.31	40.31	26.00
	Tail	38.68	38.64	38.63	26.00
N09_B007	Head	38.68	38.64	38.63	26.00
	Tail	37.56	37.53	37.52	26.00
N09_C001	Head	37.56	37.53	37.52	26.00
	Tail	37.11	37.08	37.07	26.00
N09_C002	Head	37.11	37.08	37.07	26.00
	Tail	34.92	34.90	34.89	26.00
N09_C003	Head	34.92	34.90	34.89	26.00

Pipe Wall Temperature Summary					
Pipe Name		Fluid Temp	Inner Wall Temp	Outer Wall Temp	Ambient Temp
		Deg C	Deg C	Deg C	Deg C
	Tail	34.76	34.73	34.73	26.00
N09_C004	Head	34.76	34.73	34.73	26.00
	Tail	33.85	33.83	33.83	26.00
N09_C005	Head	33.85	33.83	33.83	26.00
	Tail	32.30	32.28	32.27	26.00
N09_D001	Head	32.30	32.28	32.27	26.00
	Tail	32.19	32.17	32.17	26.00
N09_D002	Head	32.19	32.17	32.17	26.00
	Tail	31.52	31.51	31.50	26.00
N09_D003	Head	31.52	31.51	31.50	26.00
	Tail	31.62	31.60	31.60	26.00
N09_D004	Head	31.62	31.60	31.60	26.00
	Tail	30.70	30.69	30.69	26.00
N09_D005	Head	30.70	30.69	30.69	26.00
	Tail	30.93	30.91	30.91	26.00
N09_D006	Head	30.93	30.91	30.91	26.00
	Tail	29.94	29.93	29.93	26.00
N09_D007	Head	29.94	29.93	29.93	26.00
	Tail	30.25	30.24	30.24	26.00
N09_D008	Head	30.25	30.24	30.24	26.00
	Tail	29.41	29.41	29.40	26.00
N09_D009	Head	29.41	29.41	29.40	26.00
	Tail	29.37	29.36	29.36	26.00

Equipment Hydraulic Summary Report : 0.000000 hours

Equipment Summary											
Equipment Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
10_VES_060	PercentOpen	97.59	97.59	0.00	30933.070	45.63	45.63	0.00	0.6325	35.97	50.08
10_VES_070	PercentOpen	92.30	92.30	0.00	30933.070	41.18	41.18	0.00	0.6325	35.97	50.08
10_VES_080	PercentOpen	86.20	86.20	0.00	30933.071	36.86	36.86	0.00	0.6325	35.97	50.08
10_VES_090	PercentOpen	79.69	79.69	0.00	30933.072	33.02	33.02	0.00	0.6325	35.97	50.08
10_VES_140	PercentOpen	95.09	95.09	0.00	30811.372	43.46	43.46	0.00	0.6325	35.97	50.08
10_VES_150	PercentOpen	89.28	89.28	0.00	30811.372	38.93	38.93	0.00	0.6325	35.97	50.08
10_VES_160	PercentOpen	83.69	83.69	0.00	30811.372	35.16	35.16	0.00	0.6325	35.97	50.08
10_VES_170	PercentOpen	77.59	77.59	0.00	30811.373	31.97	31.97	0.00	0.6325	35.97	50.08
10_VES_190	PercentOpen	95.50	95.50	0.00	30690.487	43.84	43.84	0.00	0.6325	35.97	50.08
10_VES_200	PercentOpen	89.16	89.16	0.00	30690.487	38.83	38.83	0.00	0.6325	35.97	50.08
10_VES_280	PercentOpen	92.35	92.35	0.00	30575.976	41.20	41.20	0.00	0.6325	35.97	50.08
10_VES_290	PercentOpen	85.05	85.05	0.00	30575.976	35.96	35.96	0.00	0.6325	35.97	50.08
10_VES_300	PercentOpen	77.74	77.74	0.00	30575.976	32.05	32.05	0.00	0.6325	35.97	50.08
10_VES_320	PercentOpen	93.44	93.43	0.00	30454.811	42.00	42.00	0.00	0.6325	35.97	50.08
10_VES_330	PercentOpen	87.07	87.07	0.00	30454.811	37.23	37.23	0.00	0.6325	35.97	50.08
10_VES_340	PercentOpen	82.08	82.08	0.00	30454.811	34.25	34.25	0.00	0.6325	35.97	50.08
10_VES_350	PercentOpen	77.00	76.99	0.00	30454.811	31.36	31.36	0.00	0.6325	35.97	50.08

Equipment Summary											
Equipment Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
10_VES_400	PercentOpen	94.39	94.39	0.00	30333.701	42.68	42.68	0.00	0.6325	35.97	50.08
10_VES_420	PercentOpen	83.69	83.69	0.00	26428.701	33.67	33.67	0.00	0.6325	35.97	50.08
10_VES_430	PercentOpen	79.29	79.29	0.00	26428.702	30.55	30.55	0.00	0.6325	35.97	50.08
10_VES_450	PercentOpen	95.63	95.63	0.00	26325.371	41.90	41.90	0.00	0.6325	35.97	50.08
10_VES_460	PercentOpen	90.13	90.13	0.00	26325.371	36.25	36.25	0.00	0.6325	35.97	50.08
10_VES_470	PercentOpen	85.99	85.99	0.00	26325.371	32.83	32.83	0.00	0.6325	35.97	50.08
10_VES_540	PercentOpen	96.57	96.57	0.00	26247.536	42.99	42.99	0.00	0.6325	35.97	50.08
10_VES_550	PercentOpen	91.56	91.56	0.00	26247.536	37.56	37.56	0.00	0.6325	35.97	50.08
10_VES_560	PercentOpen	85.07	85.07	0.00	26247.536	32.30	32.30	0.00	0.6325	35.97	50.08
10_VES_580	PercentOpen	95.83	95.83	0.00	26155.938	42.27	42.27	0.00	0.6325	35.97	50.08
10_VES_590	PercentOpen	92.09	92.09	0.00	26155.938	38.04	38.04	0.00	0.6325	35.97	50.08
10_VES_610	PercentOpen	80.79	80.79	0.00	25645.939	29.19	29.19	0.00	0.6325	35.97	50.08
10_VES_660	PercentOpen	95.92	95.92	0.00	24562.690	42.39	42.39	0.00	0.6325	35.97	50.08
10_VES_670	PercentOpen	94.29	94.29	0.00	24562.690	39.72	39.72	0.00	0.6325	35.97	50.08
10_VES_680	PercentOpen	90.37	90.37	0.00	24562.690	35.39	35.39	0.00	0.6325	35.97	50.08
10_VES_690	PercentOpen	87.45	87.45	0.00	24341.190	32.74	32.74	0.00	0.6325	35.97	50.08
40_VES_040	PercentOpen	97.84	97.84	0.00	12280.035	43.88	43.88	0.00	0.6325	35.97	50.08
40_VES_050	PercentOpen	95.94	95.94	0.00	12280.035	40.54	40.54	0.00	0.6325	35.97	50.08
40_VES_060	PercentOpen	94.82	94.82	0.00	11362.535	38.07	38.07	0.00	0.6325	35.97	50.08
40_VES_070	PercentOpen	92.38	92.38	0.00	11362.535	34.48	34.48	0.00	0.6325	35.97	50.08
40_VES_080	PercentOpen	90.23	90.23	0.00	10930.036	30.92	30.92	0.00	0.6325	35.97	50.08
40_VES_090	PercentOpen	86.90	86.90	0.00	10930.036	27.54	27.53	0.00	0.6325	35.97	50.08
40_VES_100	PercentOpen	84.30	84.30	0.00	10930.036	26.10	26.10	0.00	0.6325	35.97	50.08
40_VES_110	PercentOpen	81.87	81.87	0.00	10930.036	25.43	25.43	0.00	0.6325	35.97	50.08
40_VES_120	PercentOpen	78.33	78.33	0.00	10373.037	24.41	24.41	0.00	0.6325	35.97	50.08
40_VES_130	PercentOpen	73.93	73.93	0.00	10373.038	23.67	23.67	0.00	0.6325	35.97	50.08
40_VES_160	PercentOpen	70.13	70.13	0.00	10373.039	23.45	23.45	0.00	0.6325	35.97	50.08
40_VES_140	PercentOpen	94.92	94.92	0.00	10323.035	37.97	37.97	0.00	0.6325	35.97	50.08
40_VES_150	PercentOpen	92.02	92.02	0.00	10323.035	32.11	32.11	0.00	0.6325	35.97	50.08
40_VES_200	PercentOpen	89.15	89.15	0.00	10323.036	28.45	28.45	0.00	0.6325	35.97	50.08
40_VES_210	PercentOpen	86.70	86.70	0.00	10323.036	26.16	26.16	0.00	0.6325	35.97	50.08
40_VES_220	PercentOpen	84.38	84.38	0.00	10323.038	24.34	24.34	0.00	0.6325	35.97	50.08
40_VES_230	PercentOpen	80.85	80.85	0.00	10323.040	21.98	21.98	0.00	0.6325	35.97	50.08
40_VES_240	PercentOpen	75.28	75.28	0.00	10323.042	20.12	20.12	0.00	0.6325	35.97	50.08
40_VES_250	PercentOpen	70.67	70.67	0.00	10323.045	20.09	20.09	0.00	0.6325	35.97	50.08
40_VES_260	PercentOpen	66.79	66.79	0.00	10323.047	19.89	19.89	0.00	0.6325	35.97	50.08
40_VES_270	PercentOpen	63.74	63.74	0.00	5252.550	20.39	20.39	0.00	0.6325	35.97	50.08
60_VES_040	PercentOpen	72.94	72.94	0.00	5242.881	34.11	34.11	0.00	0.6325	35.97	50.08
60_VES_050	PercentOpen	70.53	70.53	0.00	5242.881	25.27	25.27	0.00	0.6325	35.97	50.08
60_VES_060	PercentOpen	69.43	69.43	0.00	5242.882	23.11	23.11	0.00	0.6325	35.97	50.08
60_VES_070	PercentOpen	72.16	72.16	0.00	5242.883	24.46	24.46	0.00	0.6325	35.97	50.08
60_VES_080	PercentOpen	70.10	70.10	0.00	5242.884	21.85	21.85	0.00	0.6325	35.97	50.08
60_VES_090	PercentOpen	67.31	67.31	0.00	5242.886	20.61	20.61	0.00	0.6325	35.97	50.08
60_VES_100	PercentOpen	63.98	63.98	0.00	5242.888	19.83	19.83	0.00	0.6325	35.97	50.08
60_VES_110	PercentOpen	61.67	61.67	0.00	4587.391	21.06	21.06	0.00	0.6325	35.97	50.08
60_VES_120	PercentOpen	60.03	60.03	0.00	4587.392	20.69	20.69	0.00	0.6325	35.97	50.08
60_VES_270	PercentOpen	59.15	59.15	0.00	4332.394	20.53	20.53	0.00	0.6325	35.97	50.08
60_VES_320	PercentOpen	57.20	57.20	0.00	3899.897	21.02	21.02	0.00	0.6325	35.97	50.08
60_VES_190	PercentOpen	70.72	70.72	0.00	3886.541	26.63	26.63	0.00	0.6325	35.97	50.08
60_VES_200	PercentOpen	64.48	64.48	0.00	3886.541	20.14	20.14	0.00	0.6325	35.97	50.08

Equipment Summary											
Equipment Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
60_VES_210	PercentOpen	63.59	63.59	0.00	3886.541	21.65	21.65	0.00	0.6325	35.97	50.08
60_VES_220	PercentOpen	61.85	61.85	0.00	3886.541	21.27	21.27	0.00	0.6325	35.97	50.08
60_VES_230	PercentOpen	59.36	59.36	0.00	3886.541	20.81	20.81	0.00	0.6325	35.97	50.08
60_VES_240	PercentOpen	56.21	56.21	0.00	3886.541	18.57	18.57	0.00	0.6325	35.97	50.08
60_VES_250	PercentOpen	55.84	55.84	0.00	3886.541	21.25	21.25	0.00	0.6325	35.97	50.08
60_VES_290	PercentOpen	74.50	74.50	0.00	2841.500	48.00	48.00	0.00	0.6325	35.97	50.08
80_VES_020	PercentOpen	73.71	73.71	0.00	2409.000	25.27	25.27	0.00	0.6325	35.97	50.08
80_VES_030	PercentOpen	71.58	71.58	0.00	2409.000	21.60	21.60	0.00	0.6325	35.97	50.08
80_VES_040	PercentOpen	63.70	63.70	0.00	2409.000	15.37	15.37	0.00	0.6325	35.97	50.08
80_VES_050	PercentOpen	62.45	62.45	0.00	2409.000	19.78	19.78	0.00	0.6325	35.97	50.08
80_VES_060	PercentOpen	61.34	61.34	0.00	2409.000	20.33	20.33	0.00	0.6325	35.97	50.08
80_VES_070	PercentOpen	59.17	59.17	0.00	2409.000	20.22	20.22	0.00	0.6325	35.97	50.08
80_VES_080	PercentOpen	56.97	56.97	0.00	2409.000	20.32	20.32	0.00	0.6325	35.97	50.08
80_VES_090	PercentOpen	58.45	58.45	0.00	2409.000	22.01	22.01	0.00	0.6325	35.97	50.08
80_VES_100	PercentOpen	56.73	56.73	0.00	2409.000	20.90	20.90	0.00	0.6325	35.97	50.08
80_VES_110	PercentOpen	54.65	54.65	0.00	2409.000	20.05	20.05	0.00	0.6325	35.97	50.08
10_VES_050	PercentOpen	71.49	71.49	0.00	9100.000	23.94	23.94	0.00	0.6325	35.97	50.08
90_VES_060	PercentOpen	70.18	70.18	0.00	9100.000	23.44	23.44	0.00	0.6325	35.97	50.08
90_VES_070	PercentOpen	67.87	67.87	0.00	7300.000	22.40	22.40	0.00	0.6325	35.97	50.08
90_VES_080	PercentOpen	66.44	66.44	0.00	7300.000	22.75	22.75	0.00	0.6325	35.97	50.08
90_VES_090	PercentOpen	65.40	65.40	0.00	7300.000	22.87	22.87	0.00	0.6325	35.97	50.08
90_VES_100	PercentOpen	63.64	63.64	0.00	7300.000	22.37	22.37	0.00	0.6325	35.97	50.08
90_VES_110	PercentOpen	62.18	62.17	0.00	7300.000	22.95	22.95	0.00	0.6325	35.97	50.08
90_VES_120	PercentOpen	61.18	61.18	0.00	5500.000	23.37	23.37	0.00	0.6325	35.97	50.08
90_VES_130	PercentOpen	61.06	61.06	0.00	5500.000	23.77	23.77	0.00	0.6325	35.97	50.08
MTN	PercentOpen	85.00	85.00	0.00	31056.352	51.70	51.70	0.00	0.6325	35.97	50.08
10_VES_040	PercentOpen	77.94	77.94	0.00	31056.352	45.17	45.17	0.00	0.6325	35.97	50.08
10_VES_210	PercentOpen	82.55	82.55	0.00	30690.487	34.64	34.64	0.00	0.6325	35.97	50.08
10_VES_410	PercentOpen	88.93	88.93	0.00	30333.701	38.28	38.28	0.00	0.6325	35.97	50.08
10_VES_600	PercentOpen	87.35	87.35	0.00	26155.938	33.96	33.95	0.00	0.6325	35.97	50.08
90_VES_040	PercentOpen	73.80	73.80	0.00	9192.000	25.62	25.62	0.00	0.6325	35.97	50.08
60_VES_140	PercentOpen	74.50	74.50	0.00	3886.541	48.00	48.00	0.00	0.6325	35.97	50.08
HUB7	PercentOpen	84.81	84.81	0.00	3500.000	27.95	27.95	0.00	0.6325	35.97	50.08
HUB8	PercentOpen	84.81	84.81	0.00	-6399.553	27.95	27.95	0.00	0.6325	35.97	50.08
ARA1	PercentOpen	63.74	63.74	0.00	2570.500	20.39	20.39	0.00	0.6325	35.97	50.08
CAN1	PercentOpen	54.17	54.17	0.00	0.000	20.78	20.78	0.00	0.6325	35.97	50.08
CAN2	PercentOpen	54.17	54.17	0.00	0.000	20.78	20.78	0.00	0.6325	35.97	50.08
HUB1	PercentOpen	84.81	84.81	0.00	12591.553	30.56	30.56	0.00	0.6325	35.97	50.08
HUB2	PercentOpen	84.81	84.81	0.00	0.000	30.56	27.95	2.60	0.6325	35.97	50.08
HUB3	PercentOpen	84.81	84.81	0.00	2399.553	27.95	30.05	-2.10	0.6325	35.97	50.08
HUB4	PercentOpen	84.81	84.81	0.00	3399.553	30.56	27.95	2.60	0.6325	35.97	50.08
HUB5	PercentOpen	84.81	84.81	0.00	12591.553	30.56	30.56	0.00	0.6325	35.97	50.08
HUB6	PercentOpen	84.81	84.81	0.00	500.000	27.95	27.95	0.00	0.6325	35.97	50.08
HUB9	PercentOpen	84.81	84.81	0.00	0.000	30.56	27.95	2.60	0.6325	35.97	50.08
HUB10	PercentOpen	84.81	84.81	0.00	9949.638	30.56	30.05	0.51	0.6325	35.97	50.08
RES_CBA	Resistance	72.59	72.58	0.01	31056.352	41.02	41.01	0.00	0.6325	35.97	50.08
RES_MRD	Resistance	71.82	71.81	0.01	30933.073	29.19	29.18	0.00	0.6325	35.97	50.08
RES_ANT	Resistance	72.11	72.10	0.01	30811.374	29.38	29.37	0.00	0.6325	35.97	50.08
RES_CGR	Resistance	74.07	74.05	0.01	30690.488	29.60	29.59	0.00	0.6325	35.97	50.08
RES_RRP	Resistance	71.25	71.23	0.01	30575.977	29.27	29.27	0.00	0.6325	35.97	50.08

Equipment Summary											
Equipment Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
RES_TLG	Resistance	71.27	71.26	0.01	30454.812	28.91	28.91	0.00	0.6325	35.97	50.08
RES_MIR	Resistance	75.23	75.22	0.01	26428.702	28.22	28.21	0.00	0.6325	35.97	50.08
RES_PEN	Resistance	81.16	81.15	0.01	26325.371	29.68	29.68	0.00	0.6325	35.97	50.08
RES_IAC	Resistance	80.41	80.41	0.01	26247.536	29.37	29.37	0.00	0.6325	35.97	50.08
RES_SCA	Resistance	78.32	78.31	0.01	25645.939	28.02	28.02	0.00	0.6325	35.97	50.08
RES_BIG	Resistance	55.33	55.33	0.00	3899.900	20.88	20.88	0.00	0.6325	35.97	50.08
RES_SID	Resistance	52.77	52.77	0.00	3886.541	19.67	19.67	0.00	0.6325	35.97	50.08
RES_ARC	Resistance	63.74	63.16	0.58	5252.550	20.39	20.13	0.26	0.6325	35.97	50.08
RES_PLN	Resistance	84.81	84.41	0.40	12349.191	30.05	29.90	0.15	0.6325	35.97	50.08
RES_CBO	Resistance	70.13	69.85	0.27	10373.039	23.45	23.33	0.12	0.6325	35.97	50.08
ERP ARC	MaximumDownstreamPressure	74.51	74.00	0.51	5242.881	42.57	42.38	0.19	0.6325	35.97	50.08
ERP PLN	MaximumDownstreamPressure	84.81	75.00	9.81	9192.000	30.56	26.66	3.90	0.6325	35.97	50.08
COOL_CBA	Resistance	100.00	99.99	0.01	30933.070	74.00	48.00	26.00	0.6325	35.97	50.08
COOL_MRD	Resistance	100.00	99.99	0.01	30811.372	72.77	48.00	24.77	0.6325	35.97	50.08
COOL_ANT	Resistance	100.00	99.99	0.01	30690.487	72.45	48.00	24.45	0.6325	35.97	50.08
COOL_CGR	Resistance	100.00	99.99	0.01	30575.976	70.89	48.00	22.89	0.6325	35.97	50.08
COOL_RRP	Resistance	100.00	99.99	0.01	30454.811	73.69	48.00	25.69	0.6325	35.97	50.08
COOL_TLG	Resistance	100.00	99.99	0.01	30333.701	73.28	48.00	25.28	0.6325	35.97	50.08
COOL_MIR	Resistance	100.00	99.99	0.01	26325.371	65.78	48.00	17.78	0.6325	35.97	50.08
COOL_PEN	Resistance	100.00	99.99	0.01	26247.536	61.32	48.00	13.32	0.6325	35.97	50.08
COOL_IAC	Resistance	100.00	99.99	0.01	26155.938	58.98	48.00	10.98	0.6325	35.97	50.08
COOL_SCA	Resistance	100.00	99.99	0.01	25552.690	60.77	48.00	12.77	0.6325	35.97	50.08
COOL_BIG	Resistance	74.50	74.50	0.00	3886.541	57.94	48.00	9.94	0.6325	35.97	50.08
COOL_ARC	Resistance	75.00	74.51	0.49	5242.881	42.57	42.57	0.00	0.6325	35.97	50.08
COOL_PLN	Resistance	99.80	99.48	0.32	12280.035	52.72	48.00	4.72	0.6325	35.97	50.08
COOL_CBO	Resistance	99.80	99.58	0.22	10323.035	73.11	48.00	25.11	0.6325	35.97	50.08
COOL_SID	Resistance	74.50	74.50	0.00	2841.500	62.12	48.00	14.12	0.6325	35.97	50.08

Accumulated Volume Summary				
Equipment Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
10_VES_060	30933.0702	0.0000	0.0000	24.000
10_VES_070	30933.0704	0.0000	0.0000	24.000
10_VES_080	30933.0709	0.0000	0.0000	24.000
10_VES_090	30933.0717	0.0000	0.0000	24.000
10_VES_140	30811.3719	0.0000	0.0000	24.000
10_VES_150	30811.3721	0.0000	0.0000	24.000
10_VES_160	30811.3725	0.0000	0.0000	24.000
10_VES_170	30811.3731	0.0000	0.0000	24.000
10_VES_190	30690.4869	0.0000	0.0000	24.000
10_VES_200	30690.4871	0.0000	0.0000	24.000
10_VES_280	30575.9756	0.0000	0.0000	24.000
10_VES_290	30575.9758	0.0000	0.0000	24.000
10_VES_300	30575.9762	0.0000	0.0000	24.000
10_VES_320	30454.8108	0.0000	0.0000	24.000
10_VES_330	30454.8110	0.0000	0.0000	24.000
10_VES_340	30454.8111	0.0000	0.0000	24.000
10_VES_350	30454.8113	0.0000	0.0000	24.000

Accumulated Volume Summary				
Equipment Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
10_VES_400	30333.7012	0.0000	0.0000	24.000
10_VES_420	26428.7014	0.0000	0.0000	24.000
10_VES_430	26428.7016	0.0000	0.0000	24.000
10_VES_450	26325.3710	0.0000	0.0000	24.000
10_VES_460	26325.3711	0.0000	0.0000	24.000
10_VES_470	26325.3712	0.0000	0.0000	24.000
10_VES_540	26247.5357	0.0000	0.0000	24.000
10_VES_550	26247.5358	0.0000	0.0000	24.000
10_VES_560	26247.5360	0.0000	0.0000	24.000
10_VES_580	26155.9381	0.0000	0.0000	24.000
10_VES_590	26155.9382	0.0000	0.0000	24.000
10_VES_610	25645.9386	0.0000	0.0000	24.000
10_VES_660	24562.6896	0.0000	0.0000	24.000
10_VES_670	24562.6897	0.0000	0.0000	24.000
10_VES_680	24562.6899	0.0000	0.0000	24.000
10_VES_690	24341.1901	0.0000	0.0000	24.000
40_VES_040	12280.0353	0.0000	0.0000	24.000
40_VES_050	12280.0353	0.0000	0.0000	24.000
40_VES_060	11362.5353	0.0000	0.0000	24.000
40_VES_070	11362.5354	0.0000	0.0000	24.000
40_VES_080	10930.0356	0.0000	0.0000	24.000
40_VES_090	10930.0358	0.0000	0.0000	24.000
40_VES_100	10930.0361	0.0000	0.0000	24.000
40_VES_110	10930.0365	0.0000	0.0000	24.000
40_VES_120	10373.0370	0.0000	0.0000	24.000
40_VES_130	10373.0380	0.0000	0.0000	24.000
40_VES_160	10373.0392	0.0000	0.0000	24.000
40_VES_140	10323.0349	0.0000	0.0000	24.000
40_VES_150	10323.0352	0.0000	0.0000	24.000
40_VES_200	10323.0356	0.0000	0.0000	24.000
40_VES_210	10323.0364	0.0000	0.0000	24.000
40_VES_220	10323.0376	0.0000	0.0000	24.000
40_VES_230	10323.0395	0.0000	0.0000	24.000
40_VES_240	10323.0419	0.0000	0.0000	24.000
40_VES_250	10323.0447	0.0000	0.0000	24.000
40_VES_260	10323.0471	0.0000	0.0000	24.000
40_VES_270	5252.5497	0.0000	0.0000	24.000
60_VES_040	5242.8811	0.0000	0.0000	24.000
60_VES_050	5242.8814	0.0000	0.0000	24.000
60_VES_060	5242.8819	0.0000	0.0000	24.000
60_VES_070	5242.8828	0.0000	0.0000	24.000
60_VES_080	5242.8840	0.0000	0.0000	24.000
60_VES_090	5242.8860	0.0000	0.0000	24.000
60_VES_100	5242.8879	0.0000	0.0000	24.000
60_VES_110	4587.3906	0.0000	0.0000	24.000
60_VES_120	4587.3923	0.0000	0.0000	24.000
60_VES_270	4332.3936	0.0000	0.0000	24.000
60_VES_320	3899.8966	0.0000	0.0000	24.000
60_VES_190	3886.5409	0.0000	0.0000	24.000
60_VES_200	3886.5409	0.0000	0.0000	24.000

Accumulated Volume Summary				
Equipment Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
60_VES_210	3886.5410	0.0000	0.0000	24.000
60_VES_220	3886.5411	0.0000	0.0000	24.000
60_VES_230	3886.5412	0.0000	0.0000	24.000
60_VES_240	3886.5412	0.0000	0.0000	24.000
60_VES_250	3886.5413	0.0000	0.0000	24.000
60_VES_290	2841.4997	0.0000	0.0000	24.000
80_VES_020	2408.9997	0.0000	0.0000	24.000
80_VES_030	2408.9998	0.0000	0.0000	24.000
80_VES_040	2408.9998	0.0000	0.0000	24.000
80_VES_050	2408.9998	0.0000	0.0000	24.000
80_VES_060	2408.9998	0.0000	0.0000	24.000
80_VES_070	2408.9998	0.0000	0.0000	24.000
80_VES_080	2408.9999	0.0000	0.0000	24.000
80_VES_090	2408.9999	0.0000	0.0000	24.000
80_VES_100	2408.9999	0.0000	0.0000	24.000
80_VES_110	2409.0000	0.0000	0.0000	24.000
10_VES_050	9099.9996	0.0000	0.0000	24.000
90_VES_060	9099.9996	0.0000	0.0000	24.000
90_VES_070	7299.9996	0.0000	0.0000	24.000
90_VES_080	7299.9997	0.0000	0.0000	24.000
90_VES_090	7299.9997	0.0000	0.0000	24.000
90_VES_100	7299.9997	0.0000	0.0000	24.000
90_VES_110	7299.9998	0.0000	0.0000	24.000
90_VES_120	5499.9999	0.0000	0.0000	24.000
90_VES_130	5500.0000	0.0000	0.0000	24.000
MTN	31056.3519	0.0000	0.0000	24.000
10_VES_040	31056.3521	0.0000	0.0000	24.000
10_VES_210	30690.4874	0.0000	0.0000	24.000
10_VES_410	30333.7013	0.0000	0.0000	24.000
10_VES_600	26155.9384	0.0000	0.0000	24.000
90_VES_040	9191.9995	0.0000	0.0000	24.000
60_VES_140	3886.5409	0.0000	0.0000	24.000
HUB7	3500.0000	0.0000	0.0000	24.000
HUB8	-6399.5530	0.0000	0.0000	24.000
ARA1	2570.5000	0.0000	0.0000	24.000
CAN1	0.0000	0.0000	0.0000	24.000
CAN2	0.0000	0.0000	0.0000	24.000
HUB1	12591.5525	0.0000	0.0000	24.000
HUB2	0.0000	0.0000	0.0000	24.000
HUB3	2399.5530	0.0000	0.0000	24.000
HUB4	3399.5530	0.0000	0.0000	24.000
HUB5	12591.5525	0.0000	0.0000	24.000
HUB6	500.0000	0.0000	0.0000	24.000
HUB9	0.0000	0.0000	0.0000	24.000
HUB10	9949.6378	0.0000	0.0000	24.000
RES_CBA	31056.3524	0.0000	0.0000	24.000
RES_MRD	30933.0731	0.0000	0.0000	24.000
RES_ANT	30811.3738	0.0000	0.0000	24.000
RES_CGR	30690.4879	0.0000	0.0000	24.000
RES_RRP	30575.9767	0.0000	0.0000	24.000

Accumulated Volume Summary				
Equipment Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
RES_TLG	30454.8115	0.0000	0.0000	24.000
RES_MIR	26428.7017	0.0000	0.0000	24.000
RES_PEN	26325.3714	0.0000	0.0000	24.000
RES_IAC	26247.5362	0.0000	0.0000	24.000
RES_SCA	25645.9388	0.0000	0.0000	24.000
RES_BIG	3899.8998	0.0000	0.0000	24.000
RES_SID	3886.5414	0.0000	0.0000	24.000
RES_ARC	5252.5497	0.0000	0.0000	24.000
RES_PLN	12349.1908	0.0000	0.0000	24.000
RES_CBO	10373.0392	0.0000	0.0000	24.000
ERP ARC	5242.8810	0.0000	0.0000	24.000
ERP PLN	9191.9995	0.0000	0.0000	24.000
COOL_CBA	30933.0701	0.0000	0.0000	24.000
COOL_MRD	30811.3719	0.0000	0.0000	24.000
COOL_ANT	30690.4869	0.0000	0.0000	24.000
COOL_CGR	30575.9756	0.0000	0.0000	24.000
COOL_RRP	30454.8108	0.0000	0.0000	24.000
COOL_TLG	30333.7012	0.0000	0.0000	24.000
COOL_MIR	26325.3710	0.0000	0.0000	24.000
COOL_PEN	26247.5357	0.0000	0.0000	24.000
COOL_IAC	26155.9381	0.0000	0.0000	24.000
COOL_SCA	25552.6896	0.0000	0.0000	24.000
COOL_BIG	3886.5409	0.0000	0.0000	24.000
COOL_ARC	5242.8810	0.0000	0.0000	24.000
COOL_PLN	12280.0353	0.0000	0.0000	24.000
COOL_CBO	10323.0348	0.0000	0.0000	24.000
COOL_SID	2841.4997	0.0000	0.0000	24.000

Xreg Hydraulic Summary Report : 0.000000 hours

Xreg Summary							
Xreg Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
RGD	MaximumPressure	85.00	-31056.352	51.70	0.6325	35.97	50.08
EMED GASCAR_E	MaximumFlow	84.81	-3000.000	25.00	0.6325	35.97	50.08
TGS	MaximumFlow	72.16	0.000	24.46	0.6325	35.97	50.08
PE CBA	MaximumFlow	77.94	0.000	45.17	0.6325	35.97	50.08
PE CGR	MaximumFlow	74.07	0.000	29.60	0.6325	35.97	50.08
UTE TLG	MaximumFlow	88.93	3905.000	38.28	0.6325	35.97	50.08
PE BLC	MaximumFlow	88.18	0.000	34.56	0.6325	35.97	50.08
PE BSP	MaximumFlow	87.35	510.000	33.95	0.6325	35.97	50.08
PE SCA	MaximumFlow	98.09	990.000	45.64	0.6325	35.97	50.08
PE RCL	MaximumFlow	93.13	0.000	38.05	0.6325	35.97	50.08
PE LMR	MaximumFlow	90.07	221.500	35.07	0.6325	35.97	50.08
PE AMR	MaximumFlow	87.35	1800.000	32.66	0.6325	35.97	50.08

Xreg Summary							
Xreg Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
PE RPL	MaximumFlow	84.81	3000.000	27.95	0.6325	35.97	50.08
PE SMR	MaximumFlow	96.99	0.000	42.16	0.6325	35.97	50.08
PE CMP	MaximumFlow	94.78	917.500	38.44	0.6325	35.97	50.08
PE ITU	MaximumFlow	90.23	0.000	30.92	0.6325	35.97	50.08
PE ACB	MaximumFlow	84.30	0.000	26.10	0.6325	35.97	50.08
PE CIC ARC	MaximumFlow	64.02	0.000	20.33	0.6325	35.97	50.08
PE RPR	MaximumFlow	63.74	2570.500	20.39	0.6325	35.97	50.08
PE JVL	MaximumFlow	70.10	0.000	21.85	0.6325	35.97	50.08
PE GMM	MaximumFlow	67.31	0.000	20.61	0.6325	35.97	50.08
PE GSP	MaximumFlow	61.67	655.500	21.06	0.6325	35.97	50.08
PE BRQ	MaximumFlow	59.81	255.000	20.78	0.6325	35.97	50.08
PE TJC	MaximumFlow	57.20	432.500	21.02	0.6325	35.97	50.08
PE SPA	MaximumFlow	72.24	0.000	35.56	0.6325	35.97	50.08
PE TBR	MaximumFlow	59.36	0.000	20.81	0.6325	35.97	50.08
PE URS	MaximumFlow	54.93	0.000	20.54	0.6325	35.97	50.08
PE NVZ	MaximumFlow	74.61	432.500	35.18	0.6325	35.97	50.08
PE VZC	MaximumFlow	59.17	0.000	20.22	0.6325	35.97	50.08
PE ARA	MaximumFlow	57.26	0.000	21.08	0.6325	35.97	50.08
PE CCH	MaximumFlow	54.69	0.000	20.96	0.6325	35.97	50.08
PE RFP	MaximumFlow	54.17	0.000	20.78	0.6325	35.97	50.08
PE CAN	MaximumFlow	54.17	2409.000	20.78	0.6325	35.97	50.08
PE JGN	MaximumFlow	73.80	92.000	25.62	0.6325	35.97	50.08
PE ITA	MaximumFlow	67.87	1800.000	22.40	0.6325	35.97	50.08
PE GRM	MaximumFlow	61.18	1800.000	23.37	0.6325	35.97	50.08
EMED GRM	MaximumFlow	60.37	5500.000	23.30	0.6325	35.97	50.08
PE IND	MaximumFlow	91.97	432.500	33.38	0.6325	35.97	50.08
UTE ARC	MaximumFlow	63.74	2500.000	20.39	0.6325	35.97	50.08
UTE CAN	MaximumFlow	54.17	0.000	20.78	0.6325	35.97	50.08
PE PFZ	MaximumFlow	87.95	0.000	28.84	0.6325	35.97	50.08
PE CLG	MaximumFlow	66.79	0.000	19.89	0.6325	35.97	50.08
PE GMN	MaximumFlow	99.21	0.000	47.05	0.6325	35.97	50.08
EMED GASCAR_S	MaximumFlow	84.81	500.000	27.95	0.6325	35.97	50.08
PE IGR	MaximumFlow	58.68	0.000	22.36	0.6325	35.97	50.08
EMED JCT	MaximumFlow	84.81	500.000	27.95	0.6325	35.97	50.08
PE GUA	MaximumFlow	94.60	0.000	40.72	0.6325	35.97	50.08
PE VLP	MaximumFlow	95.63	0.000	41.90	0.6325	35.97	50.08
PE IAC	MaximumFlow	80.41	0.000	29.37	0.6325	35.97	50.08
PE IBT	MaximumFlow	96.90	0.000	43.51	0.6325	35.97	50.08
UFN TLG	MaximumFlow	88.93	0.000	38.28	0.6325	35.97	50.08
PE ITP	MaximumFlow	78.33	557.000	24.41	0.6325	35.97	50.08
PE ITR	MaximumFlow	95.92	0.000	42.39	0.6325	35.97	50.08
PE SID	MaximumFlow	52.77	1036.500	19.67	0.6325	35.97	50.08
COM_CBA	MaximumFlow	72.58	123.282	41.01	0.6325	35.97	50.08
COM_MRD	MaximumFlow	71.81	121.701	29.18	0.6325	35.97	50.08
COMB_ANT	MaximumFlow	72.10	120.887	29.37	0.6325	35.97	50.08
COMB_CGR	MaximumFlow	74.05	114.512	29.59	0.6325	35.97	50.08
COMB_RRP	MaximumFlow	71.23	121.166	29.27	0.6325	35.97	50.08
COMB_TLG	MaximumFlow	71.26	121.110	28.91	0.6325	35.97	50.08
COMB_MIR	MaximumFlow	75.22	103.331	28.21	0.6325	35.97	50.08
COMB_PEN	MaximumFlow	81.15	77.836	29.68	0.6325	35.97	50.08

Xreg Summary							
Xreg Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
COMB_IAC	MaximumFlow	80.41	91.598	29.37	0.6325	35.97	50.08
COMB_SCA	MaximumFlow	78.31	93.249	28.02	0.6325	35.97	50.08
COMB_ARC	MaximumFlow	63.16	9.669	20.13	0.6325	35.97	50.08
COMB_PLN	MaximumFlow	84.41	69.156	29.90	0.6325	35.97	50.08
COMB_CBO	MaximumFlow	69.85	50.004	23.33	0.6325	35.97	50.08
COMB_SID	MaximumFlow	52.77	8.542	19.67	0.6325	35.97	50.08
COMB_BIG	MaximumFlow	55.33	13.359	20.88	0.6325	35.97	50.08

Accumulated Volume Summary				
Xreg Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
RGD	-31056.3519	0.0000	0.0000	24.000
EMED GASCAR_E	-3000.0000	0.0000	0.0000	24.000
TGS	0.0000	0.0000	0.0000	24.000
PE CBA	0.0000	0.0000	0.0000	24.000
PE CGR	0.0000	0.0000	0.0000	24.000
UTE TLG	3905.0000	0.0000	0.0000	24.000
PE BLC	0.0000	0.0000	0.0000	24.000
PE BSP	510.0000	0.0000	0.0000	24.000
PE SCA	990.0000	0.0000	0.0000	24.000
PE RCL	0.0000	0.0000	0.0000	24.000
PE LMR	221.5000	0.0000	0.0000	24.000
PE AMR	1800.0000	0.0000	0.0000	24.000
PE RPL	3000.0000	0.0000	0.0000	24.000
PE SMR	0.0000	0.0000	0.0000	24.000
PE CMP	917.5000	0.0000	0.0000	24.000
PE ITU	0.0000	0.0000	0.0000	24.000
PE ACB	0.0000	0.0000	0.0000	24.000
PE CIC ARC	0.0000	0.0000	0.0000	24.000
PE RPR	2570.5000	0.0000	0.0000	24.000
PE JVL	0.0000	0.0000	0.0000	24.000
PE GMM	0.0000	0.0000	0.0000	24.000
PE GSP	655.5000	0.0000	0.0000	24.000
PE BRQ	255.0000	0.0000	0.0000	24.000
PE TJC	432.5000	0.0000	0.0000	24.000
PE SPA	0.0000	0.0000	0.0000	24.000
PE TBR	0.0000	0.0000	0.0000	24.000
PE URS	0.0000	0.0000	0.0000	24.000
PE NVZ	432.5000	0.0000	0.0000	24.000
PE VZC	0.0000	0.0000	0.0000	24.000
PE ARA	0.0000	0.0000	0.0000	24.000
PE CCH	0.0000	0.0000	0.0000	24.000
PE RFP	0.0000	0.0000	0.0000	24.000
PE CAN	2409.0000	0.0000	0.0000	24.000
PE JGN	92.0000	0.0000	0.0000	24.000
PE ITA	1800.0000	0.0000	0.0000	24.000
PE GRM	1800.0000	0.0000	0.0000	24.000
EMED GRM	5500.0000	0.0000	0.0000	24.000

Accumulated Volume Summary				
Xreg Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
PE IND	432.5000	0.0000	0.0000	24.000
UTE ARC	2500.0000	0.0000	0.0000	24.000
UTE CAN	0.0000	0.0000	0.0000	24.000
PE PFZ	0.0000	0.0000	0.0000	24.000
PE CLG	0.0000	0.0000	0.0000	24.000
PE GMN	0.0000	0.0000	0.0000	24.000
EMED GASCAR_S	500.0000	0.0000	0.0000	24.000
PE IGR	0.0000	0.0000	0.0000	24.000
EMED JCT	500.0000	0.0000	0.0000	24.000
PE GUA	0.0000	0.0000	0.0000	24.000
PE VLP	0.0000	0.0000	0.0000	24.000
PE IAC	0.0000	0.0000	0.0000	24.000
PE IBT	0.0000	0.0000	0.0000	24.000
UFN TLG	0.0000	0.0000	0.0000	24.000
PE ITP	557.0000	0.0000	0.0000	24.000
PE ITR	0.0000	0.0000	0.0000	24.000
PE SID	1036.5000	0.0000	0.0000	24.000
COM_CBA	123.2823	0.0000	0.0000	24.000
COM_MRD	121.7012	0.0000	0.0000	24.000
COMB_ANT	120.8869	0.0000	0.0000	24.000
COMB_CGR	114.5123	0.0000	0.0000	24.000
COMB_RRP	121.1659	0.0000	0.0000	24.000
COMB_TLG	121.1103	0.0000	0.0000	24.000
COMB_MIR	103.3308	0.0000	0.0000	24.000
COMB_PEN	77.8357	0.0000	0.0000	24.000
COMB_IAC	91.5981	0.0000	0.0000	24.000
COMB_SCA	93.2493	0.0000	0.0000	24.000
COMB_ARC	9.6686	0.0000	0.0000	24.000
COMB_PLN	69.1556	0.0000	0.0000	24.000
COMB_CBO	50.0044	0.0000	0.0000	24.000
COMB_SID	8.5416	0.0000	0.0000	24.000
COMB_BIG	13.3590	0.0000	0.0000	24.000

Xreg Quality Summary Report : 0.000000 hours

Xreg Quality Summary				
Xreg Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
RGD	0.6325	35.9734	50.0753	18.3194
EMED GASCAR_E	0.6325	35.9734	50.0753	18.3194
TGS	0.6325	35.9734	50.0753	18.3194
PE CBA	0.6325	35.9734	50.0753	18.3194
PE CGR	0.6325	35.9734	50.0753	18.3194
UTE TLG	0.6325	35.9734	50.0753	18.3194
PE BLC	0.6325	35.9734	50.0753	18.3194

Xreg Quality Summary				
Xreg Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
PE BSP	0.6325	35.9734	50.0753	18.3194
PE SCA	0.6325	35.9734	50.0753	18.3194
PE RCL	0.6325	35.9734	50.0753	18.3194
PE LMR	0.6325	35.9734	50.0753	18.3194
PE AMR	0.6325	35.9734	50.0753	18.3194
PE RPL	0.6325	35.9734	50.0753	18.3194
PE SMR	0.6325	35.9734	50.0753	18.3194
PE CMP	0.6325	35.9734	50.0753	18.3194
PE ITU	0.6325	35.9734	50.0753	18.3194
PE ACB	0.6325	35.9734	50.0753	18.3194
PE CIC ARC	0.6325	35.9734	50.0753	18.3194
PE RPR	0.6325	35.9734	50.0753	18.3194
PE JVL	0.6325	35.9734	50.0753	18.3194
PE GMM	0.6325	35.9734	50.0753	18.3194
PE GSP	0.6325	35.9734	50.0753	18.3194
PE BRQ	0.6325	35.9734	50.0753	18.3194
PE TJC	0.6325	35.9734	50.0753	18.3194
PE SPA	0.6325	35.9734	50.0753	18.3194
PE TBR	0.6325	35.9734	50.0753	18.3194
PE URS	0.6325	35.9734	50.0753	18.3194
PE NVZ	0.6325	35.9734	50.0753	18.3194
PE VZC	0.6325	35.9734	50.0753	18.3194
PE ARA	0.6325	35.9734	50.0753	18.3194
PE CCH	0.6325	35.9734	50.0753	18.3194
PE RFP	0.6325	35.9734	50.0753	18.3194
PE CAN	0.6325	35.9734	50.0753	18.3194
PE JGN	0.6325	35.9734	50.0753	18.3194
PE ITA	0.6325	35.9734	50.0753	18.3194
PE GRM	0.6325	35.9734	50.0753	18.3194
EMED GRM	0.6325	35.9734	50.0753	18.3194
PE IND	0.6325	35.9734	50.0753	18.3194
UTE ARC	0.6325	35.9734	50.0753	18.3194
UTE CAN	0.6325	35.9734	50.0753	18.3194
PE PFZ	0.6325	35.9734	50.0753	18.3194
PE CLG	0.6325	35.9734	50.0753	18.3194
PE GMN	0.6325	35.9734	50.0753	18.3194
EMED GASCAR_S	0.6325	35.9734	50.0753	18.3194
PE IGR	0.6325	35.9734	50.0753	18.3194
EMED JCT	0.6325	35.9734	50.0753	18.3194
PE GUA	0.6325	35.9734	50.0753	18.3194
PE VLP	0.6325	35.9734	50.0753	18.3194
PE IAC	0.6325	35.9734	50.0753	18.3194
PE IBT	0.6325	35.9734	50.0753	18.3194
UFN TLG	0.6325	35.9734	50.0753	18.3194
PE ITP	0.6325	35.9734	50.0753	18.3194
PE ITR	0.6325	35.9734	50.0753	18.3194
PE SID	0.6325	35.9734	50.0753	18.3194
COM_CBA	0.6325	35.9734	50.0753	18.3194
COM_MRD	0.6325	35.9734	50.0753	18.3194
COMB_ANT	0.6325	35.9734	50.0753	18.3194

Xreg Quality Summary				
Xreg Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
COMB_CGR	0.6325	35.9734	50.0753	18.3194
COMB_RRP	0.6325	35.9734	50.0753	18.3194
COMB_TLG	0.6325	35.9734	50.0753	18.3194
COMB_MIR	0.6325	35.9734	50.0753	18.3194
COMB_PEN	0.6325	35.9734	50.0753	18.3194
COMB_IAC	0.6325	35.9734	50.0753	18.3194
COMB_SCA	0.6325	35.9734	50.0753	18.3194
COMB_ARC	0.6325	35.9734	50.0753	18.3194
COMB_PLN	0.6325	35.9734	50.0753	18.3194
COMB_CBO	0.6325	35.9734	50.0753	18.3194
COMB_SID	0.6325	35.9734	50.0753	18.3194
COMB_BIG	0.6325	35.9734	50.0753	18.3194

Xreg Quality Summary						
Xreg Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
RGD	89.20	5.90	1.81	0.29	0.40	0.12
EMED GASCAR_E	89.20	5.90	1.81	0.29	0.40	0.12
TGS	89.20	5.90	1.81	0.29	0.40	0.12
PE CBA	89.20	5.90	1.81	0.29	0.40	0.12
PE CGR	89.20	5.90	1.81	0.29	0.40	0.12
UTE TLG	89.20	5.90	1.81	0.29	0.40	0.12
PE BLC	89.20	5.90	1.81	0.29	0.40	0.12
PE BSP	89.20	5.90	1.81	0.29	0.40	0.12
PE SCA	89.20	5.90	1.81	0.29	0.40	0.12
PE RCL	89.20	5.90	1.81	0.29	0.40	0.12
PE LMR	89.20	5.90	1.81	0.29	0.40	0.12
PE AMR	89.20	5.90	1.81	0.29	0.40	0.12
PE RPL	89.20	5.90	1.81	0.29	0.40	0.12
PE SMR	89.20	5.90	1.81	0.29	0.40	0.12
PE CMP	89.20	5.90	1.81	0.29	0.40	0.12
PE ITU	89.20	5.90	1.81	0.29	0.40	0.12
PE ACB	89.20	5.90	1.81	0.29	0.40	0.12
PE CIC ARC	89.20	5.90	1.81	0.29	0.40	0.12
PE RPR	89.20	5.90	1.81	0.29	0.40	0.12
PE JVL	89.20	5.90	1.81	0.29	0.40	0.12
PE GMM	89.20	5.90	1.81	0.29	0.40	0.12
PE GSP	89.20	5.90	1.81	0.29	0.40	0.12
PE BRQ	89.20	5.90	1.81	0.29	0.40	0.12
PE TJC	89.20	5.90	1.81	0.29	0.40	0.12
PE SPA	89.20	5.90	1.81	0.29	0.40	0.12
PE TBR	89.20	5.90	1.81	0.29	0.40	0.12
PE URS	89.20	5.90	1.81	0.29	0.40	0.12
PE NVZ	89.20	5.90	1.81	0.29	0.40	0.12
PE VZC	89.20	5.90	1.81	0.29	0.40	0.12
PE ARA	89.20	5.90	1.81	0.29	0.40	0.12
PE CCH	89.20	5.90	1.81	0.29	0.40	0.12
PE RFP	89.20	5.90	1.81	0.29	0.40	0.12
PE CAN	89.20	5.90	1.81	0.29	0.40	0.12
PE JGN	89.20	5.90	1.81	0.29	0.40	0.12

Xreg Quality Summary						
Xreg Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
PE ITA	89.20	5.90	1.81	0.29	0.40	0.12
PE GRM	89.20	5.90	1.81	0.29	0.40	0.12
EMED GRM	89.20	5.90	1.81	0.29	0.40	0.12
PE IND	89.20	5.90	1.81	0.29	0.40	0.12
UTE ARC	89.20	5.90	1.81	0.29	0.40	0.12
UTE CAN	89.20	5.90	1.81	0.29	0.40	0.12
PE PFZ	89.20	5.90	1.81	0.29	0.40	0.12
PE CLG	89.20	5.90	1.81	0.29	0.40	0.12
PE GMN	89.20	5.90	1.81	0.29	0.40	0.12
EMED GASCAR_S	89.20	5.90	1.81	0.29	0.40	0.12
PE IGR	89.20	5.90	1.81	0.29	0.40	0.12
EMED JCT	89.20	5.90	1.81	0.29	0.40	0.12
PE GUA	89.20	5.90	1.81	0.29	0.40	0.12
PE VLP	89.20	5.90	1.81	0.29	0.40	0.12
PE IAC	89.20	5.90	1.81	0.29	0.40	0.12
PE IBT	89.20	5.90	1.81	0.29	0.40	0.12
UFN TLG	89.20	5.90	1.81	0.29	0.40	0.12
PE ITP	89.20	5.90	1.81	0.29	0.40	0.12
PE ITR	89.20	5.90	1.81	0.29	0.40	0.12
PE SID	89.20	5.90	1.81	0.29	0.40	0.12
COM_CBA	89.20	5.90	1.81	0.29	0.40	0.12
COM_MRD	89.20	5.90	1.81	0.29	0.40	0.12
COMB_ANT	89.20	5.90	1.81	0.29	0.40	0.12
COMB_CGR	89.20	5.90	1.81	0.29	0.40	0.12
COMB_RRP	89.20	5.90	1.81	0.29	0.40	0.12
COMB_TLG	89.20	5.90	1.81	0.29	0.40	0.12
COMB_MIR	89.20	5.90	1.81	0.29	0.40	0.12
COMB_PEN	89.20	5.90	1.81	0.29	0.40	0.12
COMB_IAC	89.20	5.90	1.81	0.29	0.40	0.12
COMB_SCA	89.20	5.90	1.81	0.29	0.40	0.12
COMB_ARC	89.20	5.90	1.81	0.29	0.40	0.12
COMB_PLN	89.20	5.90	1.81	0.29	0.40	0.12
COMB_CBO	89.20	5.90	1.81	0.29	0.40	0.12
COMB_SID	89.20	5.90	1.81	0.29	0.40	0.12
COMB_BIG	89.20	5.90	1.81	0.29	0.40	0.12

Xreg Quality Summary					
Xreg Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
RGD	0.08	0.09	1.39	0.71	0.01
EMED GASCAR_E	0.08	0.09	1.39	0.71	0.01
TGS	0.08	0.09	1.39	0.71	0.01
PE CBA	0.08	0.09	1.39	0.71	0.01
PE CGR	0.08	0.09	1.39	0.71	0.01
UTE TLG	0.08	0.09	1.39	0.71	0.01
PE BLC	0.08	0.09	1.39	0.71	0.01
PE BSP	0.08	0.09	1.39	0.71	0.01
PE SCA	0.08	0.09	1.39	0.71	0.01
PE RCL	0.08	0.09	1.39	0.71	0.01
PE LMR	0.08	0.09	1.39	0.71	0.01

Xreg Quality Summary					
Xreg Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
PE AMR	0.08	0.09	1.39	0.71	0.01
PE RPL	0.08	0.09	1.39	0.71	0.01
PE SMR	0.08	0.09	1.39	0.71	0.01
PE CMP	0.08	0.09	1.39	0.71	0.01
PE ITU	0.08	0.09	1.39	0.71	0.01
PE ACB	0.08	0.09	1.39	0.71	0.01
PE CIC ARC	0.08	0.09	1.39	0.71	0.01
PE RPR	0.08	0.09	1.39	0.71	0.01
PE JVL	0.08	0.09	1.39	0.71	0.01
PE GMM	0.08	0.09	1.39	0.71	0.01
PE GSP	0.08	0.09	1.39	0.71	0.01
PE BRQ	0.08	0.09	1.39	0.71	0.01
PE TJC	0.08	0.09	1.39	0.71	0.01
PE SPA	0.08	0.09	1.39	0.71	0.01
PE TBR	0.08	0.09	1.39	0.71	0.01
PE URS	0.08	0.09	1.39	0.71	0.01
PE NVZ	0.08	0.09	1.39	0.71	0.01
PE VZC	0.08	0.09	1.39	0.71	0.01
PE ARA	0.08	0.09	1.39	0.71	0.01
PE CCH	0.08	0.09	1.39	0.71	0.01
PE RFP	0.08	0.09	1.39	0.71	0.01
PE CAN	0.08	0.09	1.39	0.71	0.01
PE JGN	0.08	0.09	1.39	0.71	0.01
PE ITA	0.08	0.09	1.39	0.71	0.01
PE GRM	0.08	0.09	1.39	0.71	0.01
EMED GRM	0.08	0.09	1.39	0.71	0.01
PE IND	0.08	0.09	1.39	0.71	0.01
UTE ARC	0.08	0.09	1.39	0.71	0.01
UTE CAN	0.08	0.09	1.39	0.71	0.01
PE PFZ	0.08	0.09	1.39	0.71	0.01
PE CLG	0.08	0.09	1.39	0.71	0.01
PE GMN	0.08	0.09	1.39	0.71	0.01
EMED GASCAR_S	0.08	0.09	1.39	0.71	0.01
PE IGR	0.08	0.09	1.39	0.71	0.01
EMED JCT	0.08	0.09	1.39	0.71	0.01
PE GUA	0.08	0.09	1.39	0.71	0.01
PE VLP	0.08	0.09	1.39	0.71	0.01
PE IAC	0.08	0.09	1.39	0.71	0.01
PE IBT	0.08	0.09	1.39	0.71	0.01
UFN TLG	0.08	0.09	1.39	0.71	0.01
PE ITP	0.08	0.09	1.39	0.71	0.01
PE ITR	0.08	0.09	1.39	0.71	0.01
PE SID	0.08	0.09	1.39	0.71	0.01
COM_CBA	0.08	0.09	1.39	0.71	0.01
COM_MRD	0.08	0.09	1.39	0.71	0.01
COMB_ANT	0.08	0.09	1.39	0.71	0.01
COMB_CGR	0.08	0.09	1.39	0.71	0.01
COMB_RRP	0.08	0.09	1.39	0.71	0.01
COMB_TLG	0.08	0.09	1.39	0.71	0.01
COMB_MIR	0.08	0.09	1.39	0.71	0.01
COMB_PEN	0.08	0.09	1.39	0.71	0.01

Xreg Quality Summary					
Xreg Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
COMB_IAC	0.08	0.09	1.39	0.71	0.01
COMB_SCA	0.08	0.09	1.39	0.71	0.01
COMB_ARC	0.08	0.09	1.39	0.71	0.01
COMB_PLN	0.08	0.09	1.39	0.71	0.01
COMB_CBO	0.08	0.09	1.39	0.71	0.01
COMB_SID	0.08	0.09	1.39	0.71	0.01
COMB_BIG	0.08	0.09	1.39	0.71	0.01

Supply Hydraulic Summary Report : 0.000000 hours

Supply Summary							
Supply Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
RGD	MaximumPressure	85.00	-31056.352	51.70	0.6325	35.97	50.08
EMED GASCAR_E	MaximumFlow	84.81	-3000.000	25.00	0.6325	35.97	50.08
TGS	MaximumFlow	72.16	0.000	24.46	0.6325	35.97	50.08

Accumulated Volume Summary				
Supply Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
RGD	-31056.3519	0.0000	0.0000	24.000
EMED GASCAR_E	-3000.0000	0.0000	0.0000	24.000
TGS	0.0000	0.0000	0.0000	24.000

Supply Quality Summary Report : 0.000000 hours

Supply Quality Summary				
Supply Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
RGD	0.6325	35.9734	50.0753	18.3194
EMED GASCAR_E	0.6325	35.9734	50.0753	18.3194
TGS	0.6325	35.9734	50.0753	18.3194

Supply Quality Summary						
Supply Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
RGD	89.20	5.90	1.81	0.29	0.40	0.12
EMED GASCAR_E	89.20	5.90	1.81	0.29	0.40	0.12

Supply Quality Summary						
Supply Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
TGS	89.20	5.90	1.81	0.29	0.40	0.12

Supply Quality Summary					
Supply Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
RGD	0.08	0.09	1.39	0.71	0.01
EMED GASCAR_E	0.08	0.09	1.39	0.71	0.01
TGS	0.08	0.09	1.39	0.71	0.01

Delivery Hydraulic Summary Report : 0.000000 hours

Delivery Summary							
Delivery Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
PE CBA	MaximumFlow	77.94	0.000	45.17	0.6325	35.97	50.08
PE CGR	MaximumFlow	74.07	0.000	29.60	0.6325	35.97	50.08
UTE TLG	MaximumFlow	88.93	3905.000	38.28	0.6325	35.97	50.08
PE BLC	MaximumFlow	88.18	0.000	34.56	0.6325	35.97	50.08
PE BSP	MaximumFlow	87.35	510.000	33.95	0.6325	35.97	50.08
PE SCA	MaximumFlow	98.09	990.000	45.64	0.6325	35.97	50.08
PE RCL	MaximumFlow	93.13	0.000	38.05	0.6325	35.97	50.08
PE LMR	MaximumFlow	90.07	221.500	35.07	0.6325	35.97	50.08
PE AMR	MaximumFlow	87.35	1800.000	32.66	0.6325	35.97	50.08
PE RPL	MaximumFlow	84.81	3000.000	27.95	0.6325	35.97	50.08
PE SMR	MaximumFlow	96.99	0.000	42.16	0.6325	35.97	50.08
PE CMP	MaximumFlow	94.78	917.500	38.44	0.6325	35.97	50.08
PE ITU	MaximumFlow	90.23	0.000	30.92	0.6325	35.97	50.08
PE ACB	MaximumFlow	84.30	0.000	26.10	0.6325	35.97	50.08
PE CIC ARC	MaximumFlow	64.02	0.000	20.33	0.6325	35.97	50.08
PE RPR	MaximumFlow	63.74	2570.500	20.39	0.6325	35.97	50.08
PE JVL	MaximumFlow	70.10	0.000	21.85	0.6325	35.97	50.08
PE GMM	MaximumFlow	67.31	0.000	20.61	0.6325	35.97	50.08
PE GSP	MaximumFlow	61.67	655.500	21.06	0.6325	35.97	50.08
PE BRQ	MaximumFlow	59.81	255.000	20.78	0.6325	35.97	50.08
PE TJC	MaximumFlow	57.20	432.500	21.02	0.6325	35.97	50.08
PE SPA	MaximumFlow	72.24	0.000	35.56	0.6325	35.97	50.08
PE TBR	MaximumFlow	59.36	0.000	20.81	0.6325	35.97	50.08
PE URS	MaximumFlow	54.93	0.000	20.54	0.6325	35.97	50.08
PE NVZ	MaximumFlow	74.61	432.500	35.18	0.6325	35.97	50.08
PE VZC	MaximumFlow	59.17	0.000	20.22	0.6325	35.97	50.08
PE ARA	MaximumFlow	57.26	0.000	21.08	0.6325	35.97	50.08
PE CCH	MaximumFlow	54.69	0.000	20.96	0.6325	35.97	50.08
PE RFP	MaximumFlow	54.17	0.000	20.78	0.6325	35.97	50.08
PE CAN	MaximumFlow	54.17	2409.000	20.78	0.6325	35.97	50.08
PE JGN	MaximumFlow	73.80	92.000	25.62	0.6325	35.97	50.08
PE ITA	MaximumFlow	67.87	1800.000	22.40	0.6325	35.97	50.08

Delivery Summary							
Delivery Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
PE GRM	MaximumFlow	61.18	1800.000	23.37	0.6325	35.97	50.08
EMED GRM	MaximumFlow	60.37	5500.000	23.30	0.6325	35.97	50.08
PE IND	MaximumFlow	91.97	432.500	33.38	0.6325	35.97	50.08
UTE ARC	MaximumFlow	63.74	2500.000	20.39	0.6325	35.97	50.08
UTE CAN	MaximumFlow	54.17	0.000	20.78	0.6325	35.97	50.08
PE PFZ	MaximumFlow	87.95	0.000	28.84	0.6325	35.97	50.08
PE CLG	MaximumFlow	66.79	0.000	19.89	0.6325	35.97	50.08
PE GMN	MaximumFlow	99.21	0.000	47.05	0.6325	35.97	50.08
EMED GASCAR_S	MaximumFlow	84.81	500.000	27.95	0.6325	35.97	50.08
PE IGR	MaximumFlow	58.68	0.000	22.36	0.6325	35.97	50.08
EMED JCT	MaximumFlow	84.81	500.000	27.95	0.6325	35.97	50.08
PE GUA	MaximumFlow	94.60	0.000	40.72	0.6325	35.97	50.08
PE VLP	MaximumFlow	95.63	0.000	41.90	0.6325	35.97	50.08
PE IAC	MaximumFlow	80.41	0.000	29.37	0.6325	35.97	50.08
PE IBT	MaximumFlow	96.90	0.000	43.51	0.6325	35.97	50.08
UFN TLG	MaximumFlow	88.93	0.000	38.28	0.6325	35.97	50.08
PE ITP	MaximumFlow	78.33	557.000	24.41	0.6325	35.97	50.08
PE ITR	MaximumFlow	95.92	0.000	42.39	0.6325	35.97	50.08
PE SID	MaximumFlow	52.77	1036.500	19.67	0.6325	35.97	50.08

Accumulated Volume Summary				
Delivery Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
PE CBA	0.0000	0.0000	0.0000	24.000
PE CGR	0.0000	0.0000	0.0000	24.000
UTE TLG	3905.0000	0.0000	0.0000	24.000
PE BLC	0.0000	0.0000	0.0000	24.000
PE BSP	510.0000	0.0000	0.0000	24.000
PE SCA	990.0000	0.0000	0.0000	24.000
PE RCL	0.0000	0.0000	0.0000	24.000
PE LMR	221.5000	0.0000	0.0000	24.000
PE AMR	1800.0000	0.0000	0.0000	24.000
PE RPL	3000.0000	0.0000	0.0000	24.000
PE SMR	0.0000	0.0000	0.0000	24.000
PE CMP	917.5000	0.0000	0.0000	24.000
PE ITU	0.0000	0.0000	0.0000	24.000
PE ACB	0.0000	0.0000	0.0000	24.000
PE CIC ARC	0.0000	0.0000	0.0000	24.000
PE RPR	2570.5000	0.0000	0.0000	24.000
PE JVL	0.0000	0.0000	0.0000	24.000
PE GMM	0.0000	0.0000	0.0000	24.000
PE GSP	655.5000	0.0000	0.0000	24.000
PE BRQ	255.0000	0.0000	0.0000	24.000
PE TJC	432.5000	0.0000	0.0000	24.000
PE SPA	0.0000	0.0000	0.0000	24.000
PE TBR	0.0000	0.0000	0.0000	24.000
PE URS	0.0000	0.0000	0.0000	24.000

Accumulated Volume Summary				
Delivery Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
PE NVZ	432.5000	0.0000	0.0000	24.000
PE VZC	0.0000	0.0000	0.0000	24.000
PE ARA	0.0000	0.0000	0.0000	24.000
PE CCH	0.0000	0.0000	0.0000	24.000
PE RFP	0.0000	0.0000	0.0000	24.000
PE CAN	2409.0000	0.0000	0.0000	24.000
PE JGN	92.0000	0.0000	0.0000	24.000
PE ITA	1800.0000	0.0000	0.0000	24.000
PE GRM	1800.0000	0.0000	0.0000	24.000
EMED GRM	5500.0000	0.0000	0.0000	24.000
PE IND	432.5000	0.0000	0.0000	24.000
UTE ARC	2500.0000	0.0000	0.0000	24.000
UTE CAN	0.0000	0.0000	0.0000	24.000
PE PFZ	0.0000	0.0000	0.0000	24.000
PE CLG	0.0000	0.0000	0.0000	24.000
PE GMN	0.0000	0.0000	0.0000	24.000
EMED GASCAR_S	500.0000	0.0000	0.0000	24.000
PE IGR	0.0000	0.0000	0.0000	24.000
EMED JCT	500.0000	0.0000	0.0000	24.000
PE GUA	0.0000	0.0000	0.0000	24.000
PE VLP	0.0000	0.0000	0.0000	24.000
PE IAC	0.0000	0.0000	0.0000	24.000
PE IBT	0.0000	0.0000	0.0000	24.000
UFN TLG	0.0000	0.0000	0.0000	24.000
PE ITP	557.0000	0.0000	0.0000	24.000
PE ITR	0.0000	0.0000	0.0000	24.000
PE SID	1036.5000	0.0000	0.0000	24.000

Delivery Quality Summary Report : 0.000000 hours

Delivery Quality Summary				
Delivery Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
PE CBA	0.6325	35.9734	50.0753	18.3194
PE CGR	0.6325	35.9734	50.0753	18.3194
UTE TLG	0.6325	35.9734	50.0753	18.3194
PE BLC	0.6325	35.9734	50.0753	18.3194
PE BSP	0.6325	35.9734	50.0753	18.3194
PE SCA	0.6325	35.9734	50.0753	18.3194
PE RCL	0.6325	35.9734	50.0753	18.3194
PE LMR	0.6325	35.9734	50.0753	18.3194
PE AMR	0.6325	35.9734	50.0753	18.3194
PE RPL	0.6325	35.9734	50.0753	18.3194
PE SMR	0.6325	35.9734	50.0753	18.3194
PE CMP	0.6325	35.9734	50.0753	18.3194

Delivery Quality Summary				
Delivery Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
PE ITU	0.6325	35.9734	50.0753	18.3194
PE ACB	0.6325	35.9734	50.0753	18.3194
PE CIC ARC	0.6325	35.9734	50.0753	18.3194
PE RPR	0.6325	35.9734	50.0753	18.3194
PE JVL	0.6325	35.9734	50.0753	18.3194
PE GMM	0.6325	35.9734	50.0753	18.3194
PE GSP	0.6325	35.9734	50.0753	18.3194
PE BRQ	0.6325	35.9734	50.0753	18.3194
PE TJC	0.6325	35.9734	50.0753	18.3194
PE SPA	0.6325	35.9734	50.0753	18.3194
PE TBR	0.6325	35.9734	50.0753	18.3194
PE URS	0.6325	35.9734	50.0753	18.3194
PE NVZ	0.6325	35.9734	50.0753	18.3194
PE VZC	0.6325	35.9734	50.0753	18.3194
PE ARA	0.6325	35.9734	50.0753	18.3194
PE CCH	0.6325	35.9734	50.0753	18.3194
PE RFP	0.6325	35.9734	50.0753	18.3194
PE CAN	0.6325	35.9734	50.0753	18.3194
PE JGN	0.6325	35.9734	50.0753	18.3194
PE ITA	0.6325	35.9734	50.0753	18.3194
PE GRM	0.6325	35.9734	50.0753	18.3194
EMED GRM	0.6325	35.9734	50.0753	18.3194
PE IND	0.6325	35.9734	50.0753	18.3194
UTE ARC	0.6325	35.9734	50.0753	18.3194
UTE CAN	0.6325	35.9734	50.0753	18.3194
PE PFZ	0.6325	35.9734	50.0753	18.3194
PE CLG	0.6325	35.9734	50.0753	18.3194
PE GMN	0.6325	35.9734	50.0753	18.3194
EMED GASCAR_S	0.6325	35.9734	50.0753	18.3194
PE IGR	0.6325	35.9734	50.0753	18.3194
EMED JCT	0.6325	35.9734	50.0753	18.3194
PE GUA	0.6325	35.9734	50.0753	18.3194
PE VLP	0.6325	35.9734	50.0753	18.3194
PE IAC	0.6325	35.9734	50.0753	18.3194
PE IBT	0.6325	35.9734	50.0753	18.3194
UFN TLG	0.6325	35.9734	50.0753	18.3194
PE ITP	0.6325	35.9734	50.0753	18.3194
PE ITR	0.6325	35.9734	50.0753	18.3194
PE SID	0.6325	35.9734	50.0753	18.3194

Delivery Quality Summary						
Delivery Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
PE CBA	89.20	5.90	1.81	0.29	0.40	0.12
PE CGR	89.20	5.90	1.81	0.29	0.40	0.12
UTE TLG	89.20	5.90	1.81	0.29	0.40	0.12
PE BLC	89.20	5.90	1.81	0.29	0.40	0.12
PE BSP	89.20	5.90	1.81	0.29	0.40	0.12
PE SCA	89.20	5.90	1.81	0.29	0.40	0.12

Delivery Quality Summary						
Delivery Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
PE RCL	89.20	5.90	1.81	0.29	0.40	0.12
PE LMR	89.20	5.90	1.81	0.29	0.40	0.12
PE AMR	89.20	5.90	1.81	0.29	0.40	0.12
PE RPL	89.20	5.90	1.81	0.29	0.40	0.12
PE SMR	89.20	5.90	1.81	0.29	0.40	0.12
PE CMP	89.20	5.90	1.81	0.29	0.40	0.12
PE ITU	89.20	5.90	1.81	0.29	0.40	0.12
PE ACB	89.20	5.90	1.81	0.29	0.40	0.12
PE CIC ARC	89.20	5.90	1.81	0.29	0.40	0.12
PE RPR	89.20	5.90	1.81	0.29	0.40	0.12
PE JVL	89.20	5.90	1.81	0.29	0.40	0.12
PE GMM	89.20	5.90	1.81	0.29	0.40	0.12
PE GSP	89.20	5.90	1.81	0.29	0.40	0.12
PE BRQ	89.20	5.90	1.81	0.29	0.40	0.12
PE TJC	89.20	5.90	1.81	0.29	0.40	0.12
PE SPA	89.20	5.90	1.81	0.29	0.40	0.12
PE TBR	89.20	5.90	1.81	0.29	0.40	0.12
PE URS	89.20	5.90	1.81	0.29	0.40	0.12
PE NVZ	89.20	5.90	1.81	0.29	0.40	0.12
PE VZC	89.20	5.90	1.81	0.29	0.40	0.12
PE ARA	89.20	5.90	1.81	0.29	0.40	0.12
PE CCH	89.20	5.90	1.81	0.29	0.40	0.12
PE RFP	89.20	5.90	1.81	0.29	0.40	0.12
PE CAN	89.20	5.90	1.81	0.29	0.40	0.12
PE JGN	89.20	5.90	1.81	0.29	0.40	0.12
PE ITA	89.20	5.90	1.81	0.29	0.40	0.12
PE GRM	89.20	5.90	1.81	0.29	0.40	0.12
EMED GRM	89.20	5.90	1.81	0.29	0.40	0.12
PE IND	89.20	5.90	1.81	0.29	0.40	0.12
UTE ARC	89.20	5.90	1.81	0.29	0.40	0.12
UTE CAN	89.20	5.90	1.81	0.29	0.40	0.12
PE PFZ	89.20	5.90	1.81	0.29	0.40	0.12
PE CLG	89.20	5.90	1.81	0.29	0.40	0.12
PE GMN	89.20	5.90	1.81	0.29	0.40	0.12
EMED GASCAR_S	89.20	5.90	1.81	0.29	0.40	0.12
PE IGR	89.20	5.90	1.81	0.29	0.40	0.12
EMED JCT	89.20	5.90	1.81	0.29	0.40	0.12
PE GUA	89.20	5.90	1.81	0.29	0.40	0.12
PE VLP	89.20	5.90	1.81	0.29	0.40	0.12
PE IAC	89.20	5.90	1.81	0.29	0.40	0.12
PE IBT	89.20	5.90	1.81	0.29	0.40	0.12
UFN TLG	89.20	5.90	1.81	0.29	0.40	0.12
PE ITP	89.20	5.90	1.81	0.29	0.40	0.12
PE ITR	89.20	5.90	1.81	0.29	0.40	0.12
PE SID	89.20	5.90	1.81	0.29	0.40	0.12

Delivery Quality Summary					
Delivery Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
PE CBA	0.08	0.09	1.39	0.71	0.01

Delivery Quality Summary					
Delivery Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
PE CGR	0.08	0.09	1.39	0.71	0.01
UTE TLG	0.08	0.09	1.39	0.71	0.01
PE BLC	0.08	0.09	1.39	0.71	0.01
PE BSP	0.08	0.09	1.39	0.71	0.01
PE SCA	0.08	0.09	1.39	0.71	0.01
PE RCL	0.08	0.09	1.39	0.71	0.01
PE LMR	0.08	0.09	1.39	0.71	0.01
PE AMR	0.08	0.09	1.39	0.71	0.01
PE RPL	0.08	0.09	1.39	0.71	0.01
PE SMR	0.08	0.09	1.39	0.71	0.01
PE CMP	0.08	0.09	1.39	0.71	0.01
PE ITU	0.08	0.09	1.39	0.71	0.01
PE ACB	0.08	0.09	1.39	0.71	0.01
PE CIC ARC	0.08	0.09	1.39	0.71	0.01
PE RPR	0.08	0.09	1.39	0.71	0.01
PE JVL	0.08	0.09	1.39	0.71	0.01
PE GMM	0.08	0.09	1.39	0.71	0.01
PE GSP	0.08	0.09	1.39	0.71	0.01
PE BRQ	0.08	0.09	1.39	0.71	0.01
PE TJC	0.08	0.09	1.39	0.71	0.01
PE SPA	0.08	0.09	1.39	0.71	0.01
PE TBR	0.08	0.09	1.39	0.71	0.01
PE URS	0.08	0.09	1.39	0.71	0.01
PE NVZ	0.08	0.09	1.39	0.71	0.01
PE VZC	0.08	0.09	1.39	0.71	0.01
PE ARA	0.08	0.09	1.39	0.71	0.01
PE CCH	0.08	0.09	1.39	0.71	0.01
PE RFP	0.08	0.09	1.39	0.71	0.01
PE CAN	0.08	0.09	1.39	0.71	0.01
PE JGN	0.08	0.09	1.39	0.71	0.01
PE ITA	0.08	0.09	1.39	0.71	0.01
PE GRM	0.08	0.09	1.39	0.71	0.01
EMED GRM	0.08	0.09	1.39	0.71	0.01
PE IND	0.08	0.09	1.39	0.71	0.01
UTE ARC	0.08	0.09	1.39	0.71	0.01
UTE CAN	0.08	0.09	1.39	0.71	0.01
PE PFZ	0.08	0.09	1.39	0.71	0.01
PE CLG	0.08	0.09	1.39	0.71	0.01
PE GMN	0.08	0.09	1.39	0.71	0.01
EMED GASCAR_S	0.08	0.09	1.39	0.71	0.01
PE IGR	0.08	0.09	1.39	0.71	0.01
EMED JCT	0.08	0.09	1.39	0.71	0.01
PE GUA	0.08	0.09	1.39	0.71	0.01
PE VLP	0.08	0.09	1.39	0.71	0.01
PE IAC	0.08	0.09	1.39	0.71	0.01
PE IBT	0.08	0.09	1.39	0.71	0.01
UFN TLG	0.08	0.09	1.39	0.71	0.01
PE ITP	0.08	0.09	1.39	0.71	0.01
PE ITR	0.08	0.09	1.39	0.71	0.01
PE SID	0.08	0.09	1.39	0.71	0.01

Fuel Delivery Hydraulic Summary Report : 0.000000 hours

Fuel Delivery Summary							
Fuel Delivery Name	Mode of Control	Pressure	Flow	Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g	kSm3/d	Deg C		MJ/m3	MJ/m3
COM_CBA	MaximumFlow	72.58	123.282	41.01	0.6325	35.97	50.08
COM_MRD	MaximumFlow	71.81	121.701	29.18	0.6325	35.97	50.08
COMB_ANT	MaximumFlow	72.10	120.887	29.37	0.6325	35.97	50.08
COMB_CGR	MaximumFlow	74.05	114.512	29.59	0.6325	35.97	50.08
COMB_RRP	MaximumFlow	71.23	121.166	29.27	0.6325	35.97	50.08
COMB_TLG	MaximumFlow	71.26	121.110	28.91	0.6325	35.97	50.08
COMB_MIR	MaximumFlow	75.22	103.331	28.21	0.6325	35.97	50.08
COMB_PEN	MaximumFlow	81.15	77.836	29.68	0.6325	35.97	50.08
COMB_IAC	MaximumFlow	80.41	91.598	29.37	0.6325	35.97	50.08
COMB_SCA	MaximumFlow	78.31	93.249	28.02	0.6325	35.97	50.08
COMB_ARC	MaximumFlow	63.16	9.669	20.13	0.6325	35.97	50.08
COMB_PLN	MaximumFlow	84.41	69.156	29.90	0.6325	35.97	50.08
COMB_CBO	MaximumFlow	69.85	50.004	23.33	0.6325	35.97	50.08
COMB_SID	MaximumFlow	52.77	8.542	19.67	0.6325	35.97	50.08
COMB_BIG	MaximumFlow	55.33	13.359	20.88	0.6325	35.97	50.08

Accumulated Volume Summary				
Fuel Delivery Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
COM_CBA	123.2823	0.0000	0.0000	24.000
COM_MRD	121.7012	0.0000	0.0000	24.000
COMB_ANT	120.8869	0.0000	0.0000	24.000
COMB_CGR	114.5123	0.0000	0.0000	24.000
COMB_RRP	121.1659	0.0000	0.0000	24.000
COMB_TLG	121.1103	0.0000	0.0000	24.000
COMB_MIR	103.3308	0.0000	0.0000	24.000
COMB_PEN	77.8357	0.0000	0.0000	24.000
COMB_IAC	91.5981	0.0000	0.0000	24.000
COMB_SCA	93.2493	0.0000	0.0000	24.000
COMB_ARC	9.6686	0.0000	0.0000	24.000
COMB_PLN	69.1556	0.0000	0.0000	24.000
COMB_CBO	50.0044	0.0000	0.0000	24.000
COMB_SID	8.5416	0.0000	0.0000	24.000
COMB_BIG	13.3590	0.0000	0.0000	24.000

Fuel Delivery Quality Summary Report : 0.000000 hours

Fuel Delivery Quality Summary				
Fuel Delivery Name	Specific Gravity	Heating Value	Wobbe Index	Molecular Weight
		MJ/m3	MJ/m3	
COM_CBA	0.6325	35.9734	50.0753	18.3194
COM_MRD	0.6325	35.9734	50.0753	18.3194
COMB_ANT	0.6325	35.9734	50.0753	18.3194
COMB_CGR	0.6325	35.9734	50.0753	18.3194
COMB_RRP	0.6325	35.9734	50.0753	18.3194
COMB_TLG	0.6325	35.9734	50.0753	18.3194
COMB_MIR	0.6325	35.9734	50.0753	18.3194
COMB_PEN	0.6325	35.9734	50.0753	18.3194
COMB_IAC	0.6325	35.9734	50.0753	18.3194
COMB_SCA	0.6325	35.9734	50.0753	18.3194
COMB_ARC	0.6325	35.9734	50.0753	18.3194
COMB_PLN	0.6325	35.9734	50.0753	18.3194
COMB_CBO	0.6325	35.9734	50.0753	18.3194
COMB_SID	0.6325	35.9734	50.0753	18.3194
COMB_BIG	0.6325	35.9734	50.0753	18.3194

Fuel Delivery Quality Summary						
Fuel Delivery Name	C1	C2	C3	IC4	NC4	IC5
	%	%	%	%	%	%
COM_CBA	89.20	5.90	1.81	0.29	0.40	0.12
COM_MRD	89.20	5.90	1.81	0.29	0.40	0.12
COMB_ANT	89.20	5.90	1.81	0.29	0.40	0.12
COMB_CGR	89.20	5.90	1.81	0.29	0.40	0.12
COMB_RRP	89.20	5.90	1.81	0.29	0.40	0.12
COMB_TLG	89.20	5.90	1.81	0.29	0.40	0.12
COMB_MIR	89.20	5.90	1.81	0.29	0.40	0.12
COMB_PEN	89.20	5.90	1.81	0.29	0.40	0.12
COMB_IAC	89.20	5.90	1.81	0.29	0.40	0.12
COMB_SCA	89.20	5.90	1.81	0.29	0.40	0.12
COMB_ARC	89.20	5.90	1.81	0.29	0.40	0.12
COMB_PLN	89.20	5.90	1.81	0.29	0.40	0.12
COMB_CBO	89.20	5.90	1.81	0.29	0.40	0.12
COMB_SID	89.20	5.90	1.81	0.29	0.40	0.12
COMB_BIG	89.20	5.90	1.81	0.29	0.40	0.12

Fuel Delivery Quality Summary					
Fuel Delivery Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
COM_CBA	0.08	0.09	1.39	0.71	0.01
COM_MRD	0.08	0.09	1.39	0.71	0.01
COMB_ANT	0.08	0.09	1.39	0.71	0.01
COMB_CGR	0.08	0.09	1.39	0.71	0.01
COMB_RRP	0.08	0.09	1.39	0.71	0.01
COMB_TLG	0.08	0.09	1.39	0.71	0.01
COMB_MIR	0.08	0.09	1.39	0.71	0.01
COMB_PEN	0.08	0.09	1.39	0.71	0.01
COMB_IAC	0.08	0.09	1.39	0.71	0.01
COMB_SCA	0.08	0.09	1.39	0.71	0.01
COMB_ARC	0.08	0.09	1.39	0.71	0.01

Fuel Delivery Quality Summary					
Fuel Delivery Name	NC5	C6	CO2	N2	O2
	%	%	%	%	%
COMB_PLN	0.08	0.09	1.39	0.71	0.01
COMB_CBO	0.08	0.09	1.39	0.71	0.01
COMB_SID	0.08	0.09	1.39	0.71	0.01
COMB_BIG	0.08	0.09	1.39	0.71	0.01

Station Hydraulic Summary Report : 0.000000 hours

Station C5

Station C6

Station C7

Station C8

Station C9

Station C10

Station C11

Station ECOMP_PEN

Station C13

Station C14

Station C15

Station C-17

Station C18

Station Station0032

Station Station0033

Bank Summary											
Bank Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
CBA	MaximumDownstreamPressure	72.58	100.00	-27.42	30933.070	41.01	74.00	-32.99	0.6325	35.97	50.08
MRD	MaximumDownstreamPressure	71.81	100.00	-28.19	30811.372	29.18	72.77	-43.58	0.6325	35.97	50.08
ANT	MaximumDownstreamPressure	72.10	100.00	-27.90	30690.487	29.37	72.45	-43.08	0.6325	35.97	50.08
CGR	MaximumDownstreamPressure	74.05	100.00	-25.95	30575.976	29.59	70.89	-41.30	0.6325	35.97	50.08
RRP	MaximumDownstreamPressure	71.23	100.00	-28.77	30454.811	29.27	73.69	-44.42	0.6325	35.97	50.08
TLG	MaximumDownstreamPressure	71.26	100.00	-28.74	30333.701	28.91	73.28	-44.37	0.6325	35.97	50.08
MIR	MaximumDownstreamPressure	75.22	100.00	-24.78	26325.371	28.21	65.78	-37.56	0.6325	35.97	50.08
PEN	MaximumDownstreamPressure	81.15	100.00	-18.85	26247.536	29.68	61.32	-31.65	0.6325	35.97	50.08
IAC	MaximumDownstreamPressure	80.41	100.00	-19.59	26155.938	29.37	58.98	-29.61	0.6325	35.97	50.08
SCA	MaximumDownstreamPressure	78.31	100.00	-21.69	25552.690	28.02	60.77	-32.76	0.6325	35.97	50.08
ARC	MaximumDownstreamPressure	63.16	75.00	-11.84	5242.881	20.13	42.57	-22.45	0.6325	35.97	50.08
PLN	MaximumDownstreamPressure	84.41	99.80	-15.39	12280.035	29.90	52.72	-22.82	0.6325	35.97	50.08
CBO	MaximumDownstreamPressure	69.85	99.80	-29.95	10323.035	23.33	73.11	-49.78	0.6325	35.97	50.08
SID_mod	MaximumDownstreamPressure	52.77	74.50	-21.73	2841.500	19.67	62.12	-42.45	0.6325	35.97	50.08
BIG	MaximumDownstreamPressure	55.33	74.50	-19.17	3886.541	20.88	57.94	-37.06	0.6325	35.97	50.08

Member Summary											
Member Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
CBA-B	BankControl	72.58	100.00	-27.42	15466.535	41.01	74.00	-32.99	0.6325	35.97	50.08
CBA-A	BankControl	72.58	100.00	-27.42	15466.535	41.01	74.00	-32.99	0.6325	35.97	50.08
MRD-B	BankControl	71.81	100.00	-28.19	15405.686	29.18	72.77	-43.58	0.6325	35.97	50.08
MRD-A	BankControl	71.81	100.00	-28.19	15405.686	29.18	72.77	-43.58	0.6325	35.97	50.08
ANT-B	BankControl	72.10	100.00	-27.90	15345.243	29.37	72.45	-43.08	0.6325	35.97	50.08
ANT-A	BankControl	72.10	100.00	-27.90	15345.243	29.37	72.45	-43.08	0.6325	35.97	50.08
CGR-D	BankControl	74.05	100.00	-25.95	7643.994	29.59	70.89	-41.30	0.6325	35.97	50.08
CGR-C	BankControl	74.05	100.00	-25.95	7643.994	29.59	70.89	-41.30	0.6325	35.97	50.08
CGR-B	BankControl	74.05	100.00	-25.95	7643.994	29.59	70.89	-41.30	0.6325	35.97	50.08
CGR-A	BankControl	74.05	100.00	-25.95	7643.994	29.59	70.89	-41.30	0.6325	35.97	50.08
RRP-B	BankControl	71.23	100.00	-28.77	15227.405	29.27	73.69	-44.42	0.6325	35.97	50.08
RRP-A	BankControl	71.23	100.00	-28.77	15227.406	29.27	73.69	-44.42	0.6325	35.97	50.08
TLG-A	BankControl	71.26	100.00	-28.74	15166.851	28.91	73.28	-44.37	0.6325	35.97	50.08
TLG-B	BankControl	71.26	100.00	-28.74	15166.851	28.91	73.28	-44.37	0.6325	35.97	50.08
MIR-B	BankControl	75.22	100.00	-24.78	13162.685	28.21	65.78	-37.56	0.6325	35.97	50.08
MIR-A	BankControl	75.22	100.00	-24.78	13162.685	28.21	65.78	-37.56	0.6325	35.97	50.08
PEN-D	Closed	81.15	100.00	-18.85	0.000	29.68	61.32	-31.65	0.6325	35.97	50.08
PEN-C	BankControl	81.15	100.00	-18.85	8749.179	29.68	61.32	-31.65	0.6325	35.97	50.08
PEN-B	BankControl	81.15	100.00	-18.85	8749.179	29.68	61.32	-31.65	0.6325	35.97	50.08
PEN-A	BankControl	81.15	100.00	-18.85	8749.179	29.68	61.32	-31.65	0.6325	35.97	50.08
IAC-B	BankControl	80.41	100.00	-19.59	13077.969	29.37	58.98	-29.61	0.6325	35.97	50.08

Member Summary											
Member Name	Mode of Control	Pressure		Differential Pressure	Flow	Temperature		Differential Temperature	Specific Gravity	Heating Value	Wobbe Index
		kg/cm2g		kg/cm2	kSm3/d	Deg C		Deg C		MJ/m3	MJ/m3
		Up	Down			Up	Down				
IAC-A	BankControl	80.41	100.00	-19.59	13077.969	29.37	58.98	-29.61	0.6325	35.97	50.08
SCA-B	BankControl	78.31	100.00	-21.69	12776.345	28.02	60.77	-32.76	0.6325	35.97	50.08
SCA-A	BankControl	78.31	100.00	-21.69	12776.345	28.02	60.77	-32.76	0.6325	35.97	50.08
ARC_MCC	BankControl	63.16	75.00	-11.84	1747.627	20.13	42.57	-22.45	0.6325	35.97	50.08
ARC_MCB	BankControl	63.16	75.00	-11.84	1747.627	20.13	42.57	-22.45	0.6325	35.97	50.08
ARC_MCA	BankControl	63.16	75.00	-11.84	1747.627	20.13	42.57	-22.45	0.6325	35.97	50.08
PLN-A	MinimumSpeed	84.41	99.80	-15.39	10323.068	29.90	52.72	-22.82	0.6325	35.97	50.08
PLN-B	MinimumSpeed	84.41	99.80	-15.39	10323.068	29.90	52.72	-22.82	0.6325	35.97	50.08
CBO-C	Closed	69.85	99.80	-29.95	0.000	23.33	73.11	-49.78	0.6325	35.97	50.08
CBO-B	BankControl	69.85	99.80	-29.95	5161.517	23.33	73.11	-49.78	0.6325	35.97	50.08
CBO-A	BankControl	69.85	99.80	-29.95	5161.517	23.33	73.11	-49.78	0.6325	35.97	50.08
SID_MCC	Closed	52.77	74.50	-21.73	0.000	19.67	62.12	-42.45	0.6325	35.97	50.08
SID_MCB	BankControl	52.77	74.50	-21.73	1420.750	19.67	62.12	-42.45	0.6325	35.97	50.08
SID_MCA	BankControl	52.77	74.50	-21.73	1420.750	19.67	62.12	-42.45	0.6325	35.97	50.08
SID_MCD	Closed	52.77	74.50	-21.73	0.000	19.67	62.12	-42.45	0.6325	35.97	50.08
BIG_MCB	BankControl	55.33	74.50	-19.17	1118.829	20.88	57.94	-37.06	0.6325	35.97	50.08
BIG_MCA	Closed	55.33	74.50	-19.17	0.000	20.88	57.94	-37.06	0.6325	35.97	50.08
BIG_MCD	BankControl	55.33	74.50	-19.17	1648.882	20.88	57.94	-37.06	0.6325	35.97	50.08
BIG_MCC	BankControl	55.33	74.50	-19.17	1118.829	20.88	57.94	-37.06	0.6325	35.97	50.08

Accumulated Volume Summary				
Bank Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
CBA	30933.0701	0.0000	0.0000	24.000
MRD	30811.3719	0.0000	0.0000	24.000
ANT	30690.4869	0.0000	0.0000	24.000
CGR	30575.9756	0.0000	0.0000	24.000
RRP	30454.8108	0.0000	0.0000	24.000
TLG	30333.7012	0.0000	0.0000	24.000
MIR	26325.3710	0.0000	0.0000	24.000
PEN	26247.5357	0.0000	0.0000	24.000
IAC	26155.9381	0.0000	0.0000	24.000
SCA	25552.6896	0.0000	0.0000	24.000
ARC	5242.8810	0.0000	0.0000	24.000
PLN	12280.0353	0.0000	0.0000	24.000
CBO	10323.0348	0.0000	0.0000	24.000
SID_mod	2841.4997	0.0000	0.0000	24.000
BIG	3886.5409	0.0000	0.0000	24.000

Accumulated Volume Summary				
Member Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
CBA-B	15466.5351	0.0000	0.0000	24.000
CBA-A	15466.5351	0.0000	0.0000	24.000
MRD-B	15405.6859	0.0000	0.0000	24.000

Accumulated Volume Summary				
Member Name	Current Flow Rate	Current Accumulated Volume	Last Accumulated Volume	Timer Value
	kSm3/d	KPM3	KPM3	hours
MRD-A	15405.6859	0.0000	0.0000	24.000
ANT-B	15345.2434	0.0000	0.0000	24.000
ANT-A	15345.2434	0.0000	0.0000	24.000
CGR-D	7643.9939	0.0000	0.0000	24.000
CGR-C	7643.9939	0.0000	0.0000	24.000
CGR-B	7643.9939	0.0000	0.0000	24.000
CGR-A	7643.9939	0.0000	0.0000	24.000
RRP-B	15227.4053	0.0000	0.0000	24.000
RRP-A	15227.4056	0.0000	0.0000	24.000
TLG-A	15166.8506	0.0000	0.0000	24.000
TLG-B	15166.8506	0.0000	0.0000	24.000
MIR-B	13162.6855	0.0000	0.0000	24.000
MIR-A	13162.6855	0.0000	0.0000	24.000
PEN-D	0.0000	0.0000	0.0000	24.000
PEN-C	8749.1786	0.0000	0.0000	24.000
PEN-B	8749.1786	0.0000	0.0000	24.000
PEN-A	8749.1786	0.0000	0.0000	24.000
IAC-B	13077.9690	0.0000	0.0000	24.000
IAC-A	13077.9690	0.0000	0.0000	24.000
SCA-B	12776.3448	0.0000	0.0000	24.000
SCA-A	12776.3448	0.0000	0.0000	24.000
ARC_MCC	1747.6270	0.0000	0.0000	24.000
ARC_MCB	1747.6270	0.0000	0.0000	24.000
ARC_MCA	1747.6270	0.0000	0.0000	24.000
PLN-A	10323.0684	0.0000	0.0000	24.000
PLN-B	10323.0684	0.0000	0.0000	24.000
CBO-C	0.0000	0.0000	0.0000	24.000
CBO-B	5161.5174	0.0000	0.0000	24.000
CBO-A	5161.5174	0.0000	0.0000	24.000
SID_MCC	0.0000	0.0000	0.0000	24.000
SID_MCB	1420.7499	0.0000	0.0000	24.000
SID_MCA	1420.7499	0.0000	0.0000	24.000
SID_MCD	0.0000	0.0000	0.0000	24.000
BIG_MCB	1118.8293	0.0000	0.0000	24.000
BIG_MCA	0.0000	0.0000	0.0000	24.000
BIG_MCD	1648.8822	0.0000	0.0000	24.000
BIG_MCC	1118.8293	0.0000	0.0000	24.000

Pressure/Flow Violations Report : 0.00000 hours

Xreg Pressure/Flow Violations					
Xreg Name	Node Name	Pressure	Flow	Mode	Violation Status
		kg/cm2g	kSm3/d		
ALL XREGS FALL WITHIN PRESSURE/FLOW BOUNDS					

Equipment Pressure/Flow Violations							
Equipment Name	Up Node Name	Down Node Name	Up Pressure	Down Pressure	Flow	Mode	Violation Status
			kg/cm2g	kg/cm2g	kSm3/d		
ALL EQUIPMENTS FALL WITHIN PRESSURE/FLOW BOUNDS							

Bank Pressure/Flow Violations							
Bank Name	Up Node Name	Down Node Name	Up Pressure	Down Pressure	Flow	Mode	Violation Status
			kg/cm2g	kg/cm2g	kSm3/d		
ALL BANKS FALL WITHIN PRESSURE/FLOW BOUNDS							

Pipe Pressure/Flow Violations							
Pipe Name	Up Node Name	Down Node Name	Distance From Head	Pressure	Flow	Velocity	Violation Status
			km	kg/cm2g	kSm3/d	m/s	
ALL INTERNAL KNOTS FALL WITHIN PRESSURE/FLOW BOUNDS							

Setpoint/Constraint Violation Reports : 0.000000 hours

Xreg Setpoint/Constraint Violations				
Xreg Name	Mode	Setpoint Value	Computed Value	Mode Lock Status
ALL XREGS COMPLY WITH MONITORED CONSTRAINTS				

Equipments Setpoint/Constraint Violations				
Equipment Name	Mode	Setpoint Value	Computed Value	Mode Lock Status
ALL EQUIPMENTS COMPLY WITH MONITORED CONSTRAINTS				

Bank Setpoint/Constraint Violations				
Bank Name	Mode	Setpoint Value	Computed Value	Mode Lock Status
ALL BANKS COMPLY WITH MONITORED CONSTRAINTS				

Device Locked Modes		
Type	Name	Mode
NO MODE LOCKS ARE PRESENT ON ANY DEVICE		