

TCEQ – 22J

Temporary RO Permeate Lagoon Effluent

Site Description:

This site is at the RO permeate lagoon effluent, prior to blending with the Secondary Reservoir source water. The analysis that was performed at this site monitored the quality of the water, prior to blending with raw surface water.

Protocol:

TCEQ – 22J Temporary RO Permeate Lagoon Effluent (at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)									
	5-min	15-min	2-hr	4-hr	1/day	1/day or Δ	2/week	1/week	S/30/E
Flow rate		X							
Turbidity				X					
pH level				X					
Temperature				X					
Nitrate					X				X
Free ammonia level					X				
TOC								X	
DOC								X	

Summary Table:

TCEQ – 22J Temporary RO Permeate Lagoon Effluent

	Turbidity	pH (4 HOUR)	Temperature (4 HOUR)	Nitrate	Free ammonia	TOC	DOC on-site	DOC off-site	Flow (MGD)	Flow (gpm)
Units	NTU		°C	ppm	ppm	ppm	ppm	ppm	MGD	gpm
Min	0.1	5.1	6.3	0.70	0.00	0.17	0.00	0.5	1.32	915
Max	12.7	7.7	19.1	4.05	2.70	0.23	0.06	0.5	2.82	1956
Avg	1.7	6.4	13.0	1.21	0.21	0.20	0.02	0.5	1.79	1241
95th %	4.6	6.9	18.1	2.94	0.66	0.23	0.06	0.5	1.95	1351
n	261	261	261	44	44	9	9	9	4176	4176

Conclusions:

The constituents monitored at this site were to ensure that there were no increases from storage in an open lagoon. The pH did increase slightly from the RO Permeate, while the Nitrate, TOC and DOC stayed relatively the same. Therefore, the City has concluded that the water stored in the Lagoon, remains stable during its residence time.

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
1/27/2014	0:00	1.91	1326
	0:15	1.77	1228
	0:30	2	1388
	0:45	1.92	1332
	1:00	1.93	1339
	1:15	1.91	1326
	1:30	1.86	1289
	1:45	1.84	1277
	2:00	1.93	1337
	2:15	1.89	1308
	2:30	1.88	1306
	2:45	1.83	1269
	3:00	1.85	1283
	3:15	1.9	1316
	3:30	1.91	1324
	3:45	1.93	1339
	4:00	1.86	1293
	4:15	1.91	1322
	4:30	1.85	1287
	4:45	1.93	1337
	5:00	1.87	1296
	5:15	1.89	1310
	5:30	1.85	1281
	5:45	1.91	1324
	6:00	1.9	1319
	6:15	1.9	1316
	6:30	1.94	1344
	6:45	1.93	1342
	7:00	1.88	1301
	7:15	1.9	1319
	7:30	1.93	1337
	7:45	1.93	1342
	8:00	1.88	1305
	8:15	1.92	1331
	8:30	1.92	1330
	8:45	1.89	1309
	9:00	1.91	1323
	9:15	1.83	1269

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	9:30	1.85	1285
	9:45	1.87	1298
	10:00	1.89	1308
	10:15	1.91	1325
	10:30	1.86	1292
	10:45	1.88	1303
	11:00	1.84	1275
	11:15	1.94	1348
	11:30	1.81	1259
	11:45	1.91	1325
	12:00	1.81	1253
	12:15	1.93	1342
	12:30	1.88	1307
	12:45	1.92	1330
	13:00	1.9	1319
	13:15	1.86	1289
	13:30	1.91	1323
	13:45	1.93	1342
	14:00	1.83	1269
	14:15	1.9	1321
	14:30	1.91	1328
	14:45	1.82	1264
	15:00	1.87	1294
	15:15	1.83	1267
	15:30	1.86	1287
	15:45	1.87	1300
	16:00	1.81	1258
	16:15	1.84	1278
	16:30	1.95	1356
	16:45	1.95	1351
	17:00	1.83	1271
	17:15	1.78	1233
	17:30	1.93	1337
	17:45	1.89	1310
	18:00	1.94	1345
	18:15	1.82	1265
	18:30	1.9	1316
	18:45	1.81	1253

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	19:00	1.89	1308
	19:15	1.84	1279
	19:30	1.96	1363
	19:45	1.81	1254
	20:00	1.9	1317
	20:15	1.87	1297
	20:30	1.92	1330
	20:45	1.93	1338
	21:00	1.81	1258
	21:15	1.89	1308
	21:30	1.87	1300
	21:45	1.82	1265
	22:00	1.91	1322
	22:15	1.85	1285
	22:30	1.8	1247
	22:45	1.87	1301
	23:00	1.94	1347
	23:15	1.87	1298
	23:30	1.8	1252
	23:45	1.93	1337
1/28/2014	0:00	1.9	1319
	0:15	1.82	1264
	0:30	1.87	1296
	0:45	1.89	1310
	1:00	1.81	1259
	1:15	1.85	1283
	1:30	1.91	1326
	1:45	1.85	1282
	2:00	1.88	1306
	2:15	1.88	1303
	2:30	1.86	1289
	2:45	1.89	1314
	3:00	1.84	1275
	3:15	1.95	1351
	3:30	1.93	1342
	3:45	1.84	1276
	4:00	1.94	1348
	4:15	1.85	1283

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	4:30	1.87	1298
	4:45	1.9	1317
	5:00	1.96	1363
	5:15	1.82	1262
	5:30	1.88	1303
	5:45	1.7	1179
	6:00	1.94	1346
	6:15	1.91	1323
	6:30	1.73	1202
	6:45	1.84	1280
	7:00	1.79	1241
	7:15	1.79	1243
	7:30	1.84	1277
	7:45	1.87	1294
	8:00	1.83	1269
	8:15	1.85	1285
	8:30	1.88	1305
	8:45	1.9	1315
	9:00	1.98	1375
	9:15	1.86	1293
	9:30	1.89	1314
	9:45	1.95	1350
	10:00	1.8	1252
	10:15	1.78	1236
	10:30	1.84	1274
	10:45	1.84	1279
	11:00	1.85	1287
	11:15	1.85	1285
	11:30	1.9	1321
	11:45	1.8	1248
	12:00	1.83	1272
	12:15	1.81	1259
	12:30	1.91	1322
	12:45	1.76	1223
	13:00	1.8	1248
	13:15	1.79	1239
	13:30	1.97	1367
	13:45	2.02	1402

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	14:00	1.9	1319
	14:15	1.78	1237
	14:30	1.83	1267
	14:45	1.9	1321
	15:00	1.86	1292
	15:15	1.82	1264
	15:30	1.87	1295
	15:45	1.87	1297
	16:00	1.8	1248
	16:15	1.85	1285
	16:30	1.91	1323
	16:45	1.85	1284
	17:00	1.77	1230
	17:15	1.9	1321
	17:30	1.86	1287
	17:45	1.98	1376
	18:00	1.87	1298
	18:15	1.92	1332
	18:30	1.91	1326
	18:45	1.93	1336
	19:00	1.99	1381
	19:15	1.86	1293
	19:30	1.89	1314
	19:45	1.79	1239
	20:00	1.9	1321
	20:15	1.73	1203
	20:30	1.78	1237
	20:45	1.82	1260
	21:00	1.84	1277
	21:15	1.82	1266
	21:30	1.93	1342
	21:45	1.85	1281
	22:00	1.79	1243
	22:15	1.84	1277
	22:30	2.07	1439
	22:45	1.88	1306
	23:00	1.84	1278
	23:15	1.85	1282

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	23:30	1.76	1221
	23:45	1.8	1248
1/29/2014	0:00	1.8	1249
	0:15	1.89	1310
	0:30	1.75	1216
	0:45	1.77	1227
	1:00	1.71	1190
	1:15	1.87	1298
	1:30	1.9	1317
	1:45	1.83	1268
	2:00	1.87	1299
	2:15	1.9	1318
	2:30	1.84	1280
	2:45	1.86	1292
	3:00	2.01	1397
	3:15	1.93	1339
	3:30	1.93	1339
	3:45	1.76	1219
	4:00	1.97	1370
	4:15	2.13	1475
	4:30	1.8	1246
	4:45	1.91	1326
	5:00	1.89	1314
	5:15	1.81	1259
	5:30	1.85	1284
	5:45	1.87	1298
	6:00	1.8	1252
	6:15	1.97	1370
	6:30	1.86	1293
	6:45	1.73	1199
	7:00	1.83	1269
	7:15	1.85	1283
	7:30	1.89	1314
	7:45	1.85	1283
	8:00	1.74	1209
	8:15	1.95	1355
	8:30	1.85	1283
	8:45	1.85	1283

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	9:00	1.89	1312
	9:15	1.88	1305
	9:30	1.93	1339
	9:45	1.79	1244
	10:00	1.86	1289
	10:15	1.84	1273
	10:30	1.84	1274
	10:45	1.86	1287
	11:00	1.86	1287
	11:15	1.94	1344
	11:30	1.85	1285
	11:45	1.94	1343
	12:00	2	1387
	12:15	1.87	1300
	12:30	1.96	1362
	12:45	1.82	1262
	13:00	2.82	1956
	13:15	1.76	1223
	13:30	1.84	1280
	13:45	1.94	1348
	14:00	1.93	1339
	14:15	1.86	1289
	14:30	1.76	1219
	14:45	1.98	1373
	15:00	1.85	1284
	15:15	1.82	1262
	15:30	1.96	1363
	15:45	1.94	1349
	16:00	1.75	1211
	16:15	1.91	1323
	16:30	1.82	1266
	16:45	1.75	1211
	17:00	1.85	1283
	17:15	1.91	1324
	17:30	1.73	1198
	17:45	1.86	1288
	18:00	1.85	1280
	18:15	1.81	1255

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	18:30	2.12	1472
	18:45	1.9	1315
	19:00	1.86	1287
	19:15	2	1389
	19:30	1.93	1342
	19:45	1.93	1342
	20:00	1.68	1168
	20:15	1.93	1338
	20:30	1.67	1158
	20:45	1.81	1257
	21:00	1.71	1188
	21:15	1.87	1296
	21:30	1.86	1287
	21:45	1.88	1306
	22:00	1.93	1337
	22:15	1.79	1241
	22:30	1.82	1264
	22:45	1.92	1330
	23:00	1.74	1206
	23:15	1.95	1351
	23:30	1.91	1322
	23:45	2.03	1409
1/30/2014	0:00	1.86	1289
	0:15	1.82	1264
	0:30	1.87	1300
	0:45	2.02	1405
	1:00	1.89	1310
	1:15	1.91	1323
	1:30	1.83	1271
	1:45	1.73	1201
	2:00	1.75	1211
	2:15	1.82	1262
	2:30	1.88	1303
	2:45	1.85	1285
	3:00	1.77	1226
	3:15	1.74	1204
	3:30	1.73	1199
	3:45	1.9	1315

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	4:00	1.8	1246
	4:15	1.9	1317
	4:30	1.9	1319
	4:45	1.88	1303
	5:00	1.98	1372
	5:15	1.85	1282
	5:30	1.78	1235
	5:45	1.84	1276
	6:00	1.91	1326
	6:15	1.8	1247
	6:30	1.96	1359
	6:45	1.87	1301
	7:00	1.85	1282
	7:15	1.79	1245
	7:30	1.88	1302
	7:45	1.87	1296
	8:00	1.97	1368
	8:15	1.77	1225
	8:30	1.96	1357
	8:45	1.83	1271
	9:00	2.05	1422
	9:15	1.89	1312
	9:30	1.91	1324
	9:45	1.85	1282
	10:00	1.82	1265
	10:15	1.84	1278
	10:30	1.89	1313
	10:45	1.88	1304
	11:00	1.83	1269
	11:15	1.96	1357
	11:30	1.9	1319
	11:45	1.88	1306
	12:00	1.8	1252
	12:15	1.78	1234
	12:30	1.88	1307
	12:45	1.83	1267
	13:00	1.74	1206
	13:15	1.91	1328

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	13:30	1.85	1285
	13:45	1.83	1269
	14:00	1.86	1293
	14:15	1.86	1292
	14:30	1.91	1322
	14:45	1.86	1293
	15:00	1.92	1333
	15:15	1.79	1241
	15:30	1.85	1286
	15:45	1.96	1358
	16:00	1.91	1323
	16:15	1.66	1149
	16:30	1.97	1370
	16:45	1.87	1296
	17:00	1.87	1299
	17:15	1.93	1342
	17:30	1.95	1356
	17:45	1.9	1321
	18:00	1.96	1359
	18:15	1.87	1295
	18:30	1.95	1351
	18:45	1.95	1355
	19:00	2.01	1398
	19:15	1.86	1291
	19:30	1.77	1228
	19:45	1.96	1360
	20:00	1.79	1243
	20:15	1.87	1299
	20:30	1.75	1212
	20:45	2.04	1414
	21:00	1.91	1323
	21:15	2.11	1466
	21:30	1.73	1203
	21:45	1.9	1321
	22:00	1.88	1305
	22:15	1.82	1260
	22:30	1.87	1294
	22:45	1.78	1232

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	23:00	1.94	1348
	23:15	1.83	1271
	23:30	1.93	1341
	23:45	2.07	1436
1/31/2014	0:00	1.91	1324
	0:15	1.83	1273
	0:30	1.84	1280
	0:45	1.96	1360
	1:00	1.74	1209
	1:15	1.93	1336
	1:30	1.94	1344
	1:45	1.72	1194
	2:00	1.9	1316
	2:15	1.83	1271
	2:30	1.97	1365
	2:45	1.84	1277
	3:00	1.92	1335
	3:15	1.82	1264
	3:30	1.76	1224
	3:45	1.97	1364
	4:00	1.91	1328
	4:15	1.72	1193
	4:30	1.95	1351
	4:45	1.86	1291
	5:00	1.73	1202
	5:15	1.8	1251
	5:30	1.87	1294
	5:45	1.82	1266
	6:00	1.85	1283
	6:15	1.9	1321
	6:30	1.81	1258
	6:45	2.03	1411
	7:00	1.91	1327
	7:15	1.8	1249
	7:30	1.82	1262
	7:45	1.89	1312
	8:00	1.75	1217
	8:15	1.84	1276

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	8:30	1.9	1321
	8:45	1.82	1265
	9:00	1.98	1371
	9:15	1.84	1274
	9:30	1.98	1374
	9:45	1.8	1250
	10:00	1.88	1305
	10:15	1.88	1307
	10:30	1.92	1335
	10:45	1.76	1223
	11:00	1.75	1212
	11:15	2.01	1396
	11:30	1.73	1203
	11:45	1.91	1322
	12:00	1.76	1222
	12:15	2.05	1425
	12:30	1.78	1234
	12:45	1.8	1250
	13:00	1.9	1319
	13:15	1.78	1233
	13:30	1.92	1332
	13:45	1.86	1289
	14:00	1.94	1349
	14:15	1.81	1259
	14:30	1.91	1328
	14:45	1.84	1278
	15:00	1.94	1346
	15:15	1.91	1326
	15:30	1.75	1213
	15:45	1.92	1331
	16:00	1.86	1294
	16:15	1.71	1187
	16:30	1.79	1245
	16:45	1.76	1221
	17:00	1.79	1239
	17:15	1.76	1221
	17:30	1.86	1289
	17:45	1.85	1284

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	18:00	1.88	1305
	18:15	1.78	1234
	18:30	2.22	1539
	18:45	1.88	1301
	19:00	1.81	1253
	19:15	2.01	1391
	19:30	1.82	1260
	19:45	1.83	1271
	20:00	2	1389
	20:15	1.92	1330
	20:30	1.91	1322
	20:45	1.71	1187
	21:00	1.95	1352
	21:15	1.83	1267
	21:30	1.77	1227
	21:45	1.83	1270
	22:00	1.82	1264
	22:15	1.98	1371
	22:30	1.9	1318
	22:45	1.71	1184
	23:00	1.95	1353
	23:15	1.91	1326
	23:30	1.83	1271
	23:45	1.96	1358
2/1/2014	0:00	1.95	1350
	0:15	1.91	1326
	0:30	1.73	1202
	0:45	2.11	1464
	1:00	1.85	1283
	1:15	1.82	1266
	1:30	1.92	1333
	1:45	1.94	1346
	2:00	1.83	1271
	2:15	1.72	1192
	2:30	1.85	1285
	2:45	1.89	1310
	3:00	1.82	1264
	3:15	1.78	1233

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	3:30	1.9	1318
	3:45	1.99	1379
	4:00	1.78	1233
	4:15	1.97	1370
	4:30	1.86	1292
	4:45	1.77	1230
	5:00	2.06	1426
	5:15	1.95	1353
	5:30	1.79	1239
	5:45	1.94	1347
	6:00	1.8	1251
	6:15	1.94	1347
	6:30	1.74	1205
	6:45	1.78	1236
	7:00	1.91	1326
	7:15	1.81	1258
	7:30	1.98	1372
	7:45	1.78	1237
	8:00	1.76	1224
	8:15	1.93	1342
	8:30	1.85	1285
	8:45	1.94	1345
	9:00	1.86	1287
	9:15	1.97	1367
	9:30	1.8	1249
	9:45	2.22	1541
	10:00	1.79	1243
	10:15	1.85	1283
	10:30	2	1387
	10:45	1.75	1217
	11:00	1.87	1296
	11:15	1.95	1353
	11:30	1.87	1299
	11:45	1.86	1289
	12:00	1.89	1310
	12:15	1.91	1326
	12:30	1.86	1289
	12:45	1.86	1288

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	13:00	1.85	1285
	13:15	1.97	1369
	13:30	1.9	1317
	13:45	1.89	1310
	14:00	1.87	1301
	14:15	1.84	1280
	14:30	1.91	1324
	14:45	1.8	1246
	15:00	1.8	1252
	15:15	1.98	1376
	15:30	1.9	1319
	15:45	1.89	1312
	16:00	1.87	1301
	16:15	1.88	1301
	16:30	1.8	1246
	16:45	1.9	1319
	17:00	1.89	1310
	17:15	1.88	1305
	17:30	1.93	1336
	17:45	1.86	1289
	18:00	1.85	1287
	18:15	1.82	1262
	18:30	1.83	1273
	18:45	1.86	1292
	19:00	1.81	1255
	19:15	1.81	1255
	19:30	1.83	1273
	19:45	1.83	1271
	20:00	1.88	1307
	20:15	1.8	1246
	20:30	1.96	1358
	20:45	1.82	1266
	21:00	1.97	1366
	21:15	1.86	1290
	21:30	1.87	1300
	21:45	1.9	1316
	22:00	1.84	1278
	22:15	1.83	1267

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	22:30	1.91	1328
	22:45	1.92	1331
	23:00	1.92	1333
	23:15	1.91	1326
	23:30	1.82	1266
	23:45	1.92	1330
2/2/2014	0:00	1.88	1305
	0:15	1.98	1371
	0:30	1.87	1294
	0:45	1.9	1319
	1:00	1.82	1261
	1:15	1.92	1335
	1:30	1.86	1289
	1:45	1.96	1362
	2:00	1.89	1314
	2:15	1.87	1294
	2:30	1.91	1322
	2:45	1.8	1248
	3:00	1.9	1317
	3:15	1.86	1294
	3:30	1.89	1314
	3:45	1.9	1319
	4:00	1.82	1261
	4:15	1.88	1304
	4:30	1.79	1244
	4:45	1.87	1298
	5:00	1.89	1314
	5:15	1.86	1292
	5:30	1.86	1292
	5:45	1.88	1307
	6:00	1.86	1293
	6:15	1.9	1319
	6:30	1.9	1321
	6:45	1.94	1347
	7:00	1.8	1251
	7:15	1.82	1266
	7:30	1.93	1338
	7:45	1.89	1310

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	8:00	1.92	1330
	8:15	1.78	1236
	8:30	1.91	1323
	8:45	1.88	1305
	9:00	1.91	1322
	9:15	1.79	1242
	9:30	1.86	1290
	9:45	1.83	1267
	10:00	2	1389
	10:15	1.94	1347
	10:30	1.82	1266
	10:45	1.88	1301
	11:00	1.85	1287
	11:15	1.87	1298
	11:30	1.78	1235
	11:45	1.9	1316
	12:00	1.86	1292
	12:15	1.9	1319
	12:30	1.91	1324
	12:45	1.84	1276
	13:00	1.83	1267
	13:15	1.83	1268
	13:30	1.79	1245
	13:45	1.88	1303
	14:00	1.81	1257
	14:15	1.85	1285
	14:30	1.87	1299
	14:45	1.8	1246
	15:00	1.89	1311
	15:15	1.81	1253
	15:30	1.83	1269
	15:45	1.87	1299
	16:00	1.89	1312
	16:15	1.89	1314
	16:30	1.89	1312
	16:45	1.83	1271
	17:00	1.84	1278
	17:15	1.92	1334

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	17:30	1.91	1322
	17:45	1.87	1296
	18:00	1.93	1337
	18:15	1.8	1246
	18:30	1.93	1337
	18:45	1.8	1250
	19:00	1.87	1294
	19:15	1.82	1260
	19:30	1.82	1261
	19:45	1.76	1221
	20:00	1.9	1320
	20:15	1.85	1280
	20:30	1.9	1315
	20:45	1.79	1241
	21:00	1.8	1251
	21:15	1.85	1282
	21:30	1.82	1266
	21:45	1.9	1315
	22:00	1.86	1289
	22:15	1.89	1312
	22:30	1.88	1303
	22:45	1.81	1259
	23:00	1.82	1264
	23:15	1.87	1300
	23:30	1.79	1243
	23:45	1.84	1278
2/3/2014	0:00	1.84	1279
	0:15	1.85	1283
	0:30	1.85	1287
	0:45	1.87	1295
	1:00	1.82	1261
	1:15	1.84	1273
	1:30	1.89	1312
	1:45	1.79	1243
	2:00	1.75	1215
	2:15	1.76	1220
	2:30	1.86	1292
	2:45	1.85	1287

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	3:00	1.87	1297
	3:15	1.81	1255
	3:30	1.81	1259
	3:45	1.77	1230
	4:00	1.92	1333
	4:15	1.88	1304
	4:30	1.88	1303
	4:45	1.84	1277
	5:00	1.86	1289
	5:15	1.88	1301
	5:30	1.9	1315
	5:45	1.88	1301
	6:00	1.85	1280
	6:15	1.83	1269
	6:30	1.79	1245
	6:45	1.82	1260
	7:00	1.91	1328
	7:15	1.81	1254
	7:30	1.91	1328
	7:45	1.94	1349
	8:00	1.86	1287
	8:15	1.92	1335
	8:30	1.83	1269
	8:45	1.83	1268
	9:00	1.83	1270
	9:15	1.87	1298
	9:30	1.87	1298
	9:45	1.8	1246
	10:00	1.82	1264
	10:15	1.86	1287
	10:30	1.85	1284
	10:45	1.91	1322
	11:00	1.79	1242
	11:15	1.88	1303
	11:30	1.83	1270
	11:45	1.86	1291
	12:00	1.93	1336
	12:15	1.88	1303

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	12:30	1.88	1303
	12:45	1.82	1264
	13:00	1.85	1287
	13:15	1.76	1221
	13:30	1.74	1208
	13:45	1.83	1273
	14:00	1.9	1317
	14:15	1.84	1277
	14:30	1.88	1301
	14:45	1.81	1255
	15:00	1.85	1287
	15:15	1.83	1271
	15:30	1.84	1280
	15:45	1.87	1299
	16:00	1.77	1227
	16:15	1.88	1305
	16:30	1.83	1271
	16:45	1.83	1271
	17:00	1.8	1252
	17:15	1.93	1339
	17:30	1.76	1220
	17:45	1.79	1243
	18:00	1.91	1324
	18:15	1.8	1246
	18:30	1.81	1256
	18:45	1.86	1293
	19:00	1.8	1249
	19:15	1.9	1317
	19:30	1.73	1199
	19:45	1.88	1306
	20:00	1.92	1330
	20:15	1.77	1228
	20:30	1.87	1301
	20:45	1.88	1303
	21:00	1.8	1249
	21:15	1.84	1278
	21:30	1.74	1206
	21:45	1.84	1277

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

		TCEQ-22J	
Date	Time	Flow (MGD)	Flow (gpm)
	22:00	1.86	1287
	22:15	1.85	1286
	22:30	1.83	1267
	22:45	1.84	1274
	23:00	1.84	1278
	23:15	1.92	1332
	23:30	1.84	1276
	23:45	1.86	1293
2/4/2014	0:00	1.84	1276
	0:15	1.92	1331
	0:30	1.78	1237
	0:45	1.81	1255
	1:00	1.72	1195
	1:15	1.81	1254
	1:30	1.74	1209
	1:45	1.81	1255
	2:00	1.84	1280
	2:15	1.89	1308
	2:30	1.91	1328
	2:45	1.79	1240
	3:00	1.77	1230
	3:15	1.89	1312
	3:30	1.85	1284
	3:45	1.78	1233
	4:00	1.79	1244
	4:15	1.81	1253
	4:30	1.85	1282
	4:45	1.89	1310
	5:00	1.89	1314
	5:15	1.82	1262
	5:30	1.9	1320
	5:45	1.82	1264
	6:00	1.84	1279
	6:15	1.78	1234
	6:30	1.79	1241
	6:45	1.91	1322
	7:00	1.83	1270
	7:15	1.9	1317

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	7:30	1.88	1304
	7:45	1.87	1296
	8:00	1.87	1299
	8:15	1.9	1317
	8:30	1.82	1266
	8:45	1.94	1349
	9:00	1.84	1279
	9:15	1.83	1269
	9:30	1.87	1296
	9:45	1.84	1277
	10:00	1.86	1290
	10:15	1.82	1266
	10:30	1.91	1326
	10:45	1.82	1262
	11:00	1.9	1317
	11:15	1.84	1274
	11:30	1.72	1194
	11:45	1.78	1233
	12:00	1.94	1349
	12:15	1.85	1284
	12:30	1.8	1250
	12:45	1.89	1314
	13:00	1.82	1263
	13:15	1.79	1243
	13:30	1.81	1253
	13:45	1.81	1256
	14:00	1.81	1257
	14:15	1.9	1321
	14:30	1.81	1255
	14:45	1.87	1299
	15:00	1.8	1247
	15:15	1.95	1353
	15:30	1.91	1322
	15:45	1.87	1300
	16:00	1.81	1253
	16:15	1.81	1259
	16:30	1.91	1326
	16:45	1.82	1264

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	17:00	1.74	1205
	17:15	1.77	1225
	17:30	1.96	1360
	17:45	1.86	1290
	18:00	1.84	1278
	18:15	1.84	1280
	18:30	1.81	1259
	18:45	1.83	1271
	19:00	1.86	1287
	19:15	1.82	1262
	19:30	1.76	1221
	19:45	1.83	1267
	20:00	1.79	1240
	20:15	1.95	1355
	20:30	1.77	1227
	20:45	1.88	1303
	21:00	1.86	1289
	21:15	1.83	1267
	21:30	1.79	1241
	21:45	1.86	1292
	22:00	1.91	1328
	22:15	1.83	1270
	22:30	1.8	1248
	22:45	1.81	1256
	23:00	1.81	1256
	23:15	1.71	1190
	23:30	1.84	1277
	23:45	1.86	1292
2/5/2014	0:00	1.85	1282
	0:15	1.82	1264
	0:30	1.9	1319
	0:45	1.93	1339
	1:00	1.86	1293
	1:15	1.85	1282
	1:30	1.87	1300
	1:45	1.79	1240
	2:00	1.69	1172
	2:15	1.88	1303

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	2:30	1.92	1335
	2:45	1.82	1265
	3:00	1.79	1239
	3:15	1.79	1242
	3:30	1.77	1230
	3:45	1.84	1279
	4:00	1.8	1249
	4:15	1.81	1257
	4:30	1.87	1301
	4:45	1.89	1311
	5:00	1.75	1212
	5:15	1.76	1218
	5:30	1.81	1259
	5:45	1.88	1307
	6:00	1.84	1280
	6:15	1.81	1259
	6:30	1.91	1325
	6:45	1.79	1245
	7:00	1.81	1255
	7:15	1.77	1226
	7:30	1.81	1258
	7:45	1.81	1253
	8:00	1.83	1269
	8:15	1.79	1239
	8:30	1.83	1273
	8:45	1.79	1242
	9:00	1.83	1271
	9:15	1.84	1278
	9:30	1.8	1250
	9:45	1.81	1259
	10:00	1.75	1217
	10:15	1.79	1245
	10:30	1.84	1278
	10:45	1.81	1256
	11:00	1.78	1237
	11:15	1.81	1255
	11:30	1.8	1246
	11:45	1.7	1177

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	12:00	1.83	1267
	12:15	1.84	1276
	12:30	1.75	1215
	12:45	1.82	1266
	13:00	1.76	1221
	13:15	1.81	1255
	13:30	1.78	1232
	13:45	1.84	1275
	14:00	1.85	1282
	14:15	1.78	1236
	14:30	1.8	1248
	14:45	1.85	1286
	15:00	1.8	1246
	15:15	1.8	1251
	15:30	1.78	1232
	15:45	1.78	1235
	16:00	1.75	1215
	16:15	1.83	1268
	16:30	1.78	1237
	16:45	1.76	1221
	17:00	1.78	1233
	17:15	1.8	1251
	17:30	1.76	1224
	17:45	1.84	1276
	18:00	1.84	1277
	18:15	1.79	1241
	18:30	1.79	1242
	18:45	1.76	1224
	19:00	1.74	1208
	19:15	1.86	1291
	19:30	1.81	1255
	19:45	1.9	1316
	20:00	1.83	1269
	20:15	1.77	1226
	20:30	1.72	1194
	20:45	1.75	1215
	21:00	1.78	1235
	21:15	1.79	1244

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	21:30	1.81	1255
	21:45	1.82	1264
	22:00	1.87	1295
	22:15	1.77	1231
	22:30	1.8	1246
	22:45	1.8	1252
	23:00	1.81	1255
	23:15	1.75	1212
	23:30	1.82	1262
	23:45	1.86	1293
2/6/2014	0:00	1.81	1253
	0:15	1.8	1250
	0:30	1.82	1265
	0:45	1.79	1243
	1:00	1.85	1285
	1:15	1.78	1235
	1:30	1.81	1257
	1:45	1.78	1233
	2:00	1.86	1293
	2:15	1.73	1198
	2:30	1.79	1239
	2:45	1.78	1237
	3:00	1.82	1265
	3:15	1.81	1256
	3:30	1.81	1259
	3:45	1.86	1289
	4:00	1.78	1238
	4:15	1.83	1268
	4:30	1.79	1243
	4:45	1.78	1233
	5:00	1.76	1218
	5:15	1.8	1252
	5:30	1.78	1234
	5:45	1.79	1245
	6:00	1.83	1268
	6:15	1.76	1220
	6:30	1.79	1242
	6:45	1.77	1230

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	7:00	1.8	1246
	7:15	1.76	1220
	7:30	1.71	1187
	7:45	1.84	1278
	8:00	1.85	1287
	8:15	1.82	1266
	8:30	1.77	1225
	8:45	1.73	1199
	9:00	1.74	1210
	9:15	1.75	1211
	9:30	1.7	1181
	9:45	1.78	1233
	10:00	1.78	1236
	10:15	1.82	1261
	10:30	1.79	1244
	10:45	1.77	1225
	11:00	1.76	1221
	11:15	1.76	1220
	11:30	1.75	1213
	11:45	1.8	1251
	12:00	1.77	1228
	12:15	1.77	1228
	12:30	1.79	1241
	12:45	1.75	1212
	13:00	1.76	1224
	13:15	1.81	1257
	13:30	1.75	1216
	13:45	1.83	1273
	14:00	1.76	1221
	14:15	1.75	1211
	14:30	1.76	1223
	14:45	1.77	1226
	15:00	1.76	1221
	15:15	1.76	1221
	15:30	1.76	1224
	15:45	1.73	1199
	16:00	1.77	1230
	16:15	1.74	1205

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	16:30	1.75	1215
	16:45	1.72	1192
	17:00	1.72	1194
	17:15	1.74	1205
	17:30	1.79	1243
	17:45	1.76	1218
	18:00	1.79	1242
	18:15	1.78	1236
	18:30	1.78	1235
	18:45	1.8	1246
	19:00	1.72	1194
	19:15	1.73	1201
	19:30	1.74	1210
	19:45	1.75	1211
	20:00	1.68	1164
	20:15	1.76	1221
	20:30	1.75	1212
	20:45	1.74	1210
	21:00	1.76	1218
	21:15	1.73	1198
	21:30	1.74	1208
	21:45	1.73	1199
	22:00	1.74	1210
	22:15	1.77	1226
	22:30	1.72	1194
	22:45	1.71	1186
	23:00	1.74	1209
	23:15	1.79	1243
	23:30	1.72	1196
	23:45	1.77	1230
2/7/2014	0:00	1.77	1226
	0:15	1.68	1165
	0:30	1.73	1203
	0:45	1.77	1226
	1:00	1.75	1212
	1:15	1.72	1194
	1:30	1.76	1222
	1:45	1.74	1210

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	2:00	1.77	1227
	2:15	1.74	1209
	2:30	1.76	1219
	2:45	1.74	1209
	3:00	1.65	1148
	3:15	1.78	1237
	3:30	1.74	1208
	3:45	1.78	1234
	4:00	1.77	1228
	4:15	1.71	1189
	4:30	1.71	1188
	4:45	1.73	1199
	5:00	1.78	1234
	5:15	1.74	1209
	5:30	1.77	1227
	5:45	1.77	1225
	6:00	1.69	1174
	6:15	1.79	1244
	6:30	1.75	1215
	6:45	1.77	1225
	7:00	1.76	1224
	7:15	1.78	1232
	7:30	1.76	1221
	7:45	1.74	1208
	8:00	1.73	1197
	8:15	1.74	1209
	8:30	1.76	1221
	8:45	1.78	1235
	9:00	1.8	1249
	9:15	1.74	1205
	9:30	1.79	1244
	9:45	1.8	1249
	10:00	1.78	1236
	10:15	1.77	1230
	10:30	1.77	1230
	10:45	1.71	1186
	11:00	1.69	1171
	11:15	1.77	1230

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	11:30	1.75	1217
	11:45	1.79	1243
	12:00	1.76	1222
	12:15	1.78	1233
	12:30	1.84	1277
	12:45	1.69	1174
	13:00	1.79	1243
	13:15	1.76	1218
	13:30	1.78	1233
	13:45	1.75	1217
	14:00	1.8	1251
	14:15	1.77	1230
	14:30	1.83	1269
	14:45	1.74	1204
	15:00	1.75	1215
	15:15	1.8	1251
	15:30	1.79	1243
	15:45	1.79	1242
	16:00	1.78	1236
	16:15	1.75	1215
	16:30	1.8	1248
	16:45	1.7	1180
	17:00	1.73	1198
	17:15	1.81	1257
	17:30	1.74	1208
	17:45	1.81	1258
	18:00	1.73	1199
	18:15	1.71	1185
	18:30	1.82	1264
	18:45	1.77	1230
	19:00	1.75	1211
	19:15	1.79	1241
	19:30	1.69	1174
	19:45	1.74	1205
	20:00	1.68	1169
	20:15	1.87	1297
	20:30	1.76	1220
	20:45	1.71	1185

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	21:00	1.7	1178
	21:15	1.72	1192
	21:30	1.81	1257
	21:45	1.71	1188
	22:00	1.76	1218
	22:15	1.77	1229
	22:30	1.72	1190
	22:45	1.77	1228
	23:00	1.78	1232
	23:15	1.72	1195
	23:30	1.71	1190
	23:45	1.7	1183
2/8/2014	0:00	1.74	1206
	0:15	1.74	1209
	0:30	1.71	1184
	0:45	1.76	1219
	1:00	1.72	1196
	1:15	1.73	1198
	1:30	1.75	1215
	1:45	1.71	1185
	2:00	1.73	1201
	2:15	1.78	1237
	2:30	1.83	1273
	2:45	1.74	1206
	3:00	1.62	1122
	3:15	1.77	1225
	3:30	1.77	1230
	3:45	1.68	1163
	4:00	1.75	1214
	4:15	1.8	1251
	4:30	1.71	1187
	4:45	1.67	1162
	5:00	1.71	1188
	5:15	1.63	1129
	5:30	1.75	1215
	5:45	1.78	1235
	6:00	1.68	1167
	6:15	1.8	1251

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	6:30	1.81	1256
	6:45	1.62	1124
	7:00	1.75	1217
	7:15	1.75	1217
	7:30	1.68	1169
	7:45	1.83	1268
	8:00	1.71	1187
	8:15	1.73	1202
	8:30	1.74	1206
	8:45	1.76	1221
	9:00	1.64	1136
	9:15	1.71	1190
	9:30	1.73	1202
	9:45	1.74	1208
	10:00	1.71	1187
	10:15	1.69	1174
	10:30	1.75	1211
	10:45	1.72	1193
	11:00	1.79	1245
	11:15	1.77	1225
	11:30	1.84	1274
	11:45	1.71	1188
	12:00	1.76	1219
	12:15	1.74	1209
	12:30	1.82	1264
	12:45	1.78	1233
	13:00	1.69	1174
	13:15	1.76	1219
	13:30	1.68	1166
	13:45	1.81	1259
	14:00	1.75	1217
	14:15	1.7	1183
	14:30	1.7	1177
	14:45	1.71	1190
	15:00	1.79	1244
	15:15	1.76	1219
	15:30	1.74	1210
	15:45	1.77	1230

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	16:00	1.73	1201
	16:15	1.73	1203
	16:30	1.69	1172
	16:45	1.74	1206
	17:00	1.78	1236
	17:15	1.77	1226
	17:30	1.75	1216
	17:45	1.63	1128
	18:00	1.69	1176
	18:15	1.67	1156
	18:30	1.69	1170
	18:45	1.8	1249
	19:00	1.72	1196
	19:15	1.74	1207
	19:30	1.8	1249
	19:45	1.67	1158
	20:00	1.82	1260
	20:15	1.78	1236
	20:30	1.65	1144
	20:45	1.81	1255
	21:00	1.81	1256
	21:15	1.63	1134
	21:30	1.72	1194
	21:45	1.65	1148
	22:00	1.73	1201
	22:15	1.8	1250
	22:30	1.68	1165
	22:45	1.86	1287
	23:00	1.67	1158
	23:15	1.77	1230
	23:30	1.9	1315
	23:45	1.81	1256
2/9/2014	0:00	1.76	1219
	0:15	1.69	1174
	0:30	1.73	1201
	0:45	1.71	1185
	1:00	1.81	1257
	1:15	1.81	1253

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	1:30	1.78	1235
	1:45	1.87	1294
	2:00	1.71	1185
	2:15	1.78	1235
	2:30	1.77	1226
	2:45	1.77	1226
	3:00	1.77	1226
	3:15	1.77	1228
	3:30	1.79	1241
	3:45	1.68	1165
	4:00	1.76	1218
	4:15	1.86	1292
	4:30	1.69	1170
	4:45	1.65	1148
	5:00	1.7	1178
	5:15	1.61	1117
	5:30	1.86	1290
	5:45	1.87	1298
	6:00	1.81	1256
	6:15	1.76	1221
	6:30	1.72	1194
	6:45	1.74	1210
	7:00	1.84	1278
	7:15	1.79	1245
	7:30	1.75	1217
	7:45	1.72	1191
	8:00	1.75	1214
	8:15	1.79	1245
	8:30	1.65	1143
	8:45	1.7	1180
	9:00	1.74	1205
	9:15	1.79	1241
	9:30	1.84	1275
	9:45	1.67	1159
	10:00	1.78	1234
	10:15	1.81	1253
	10:30	1.78	1236
	10:45	1.67	1158

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	11:00	1.77	1229
	11:15	1.79	1243
	11:30	1.74	1210
	11:45	1.79	1244
	12:00	1.73	1200
	12:15	1.85	1282
	12:30	1.65	1145
	12:45	1.74	1209
	13:00	1.86	1292
	13:15	1.73	1202
	13:30	1.71	1190
	13:45	1.73	1201
	14:00	1.85	1286
	14:15	1.71	1186
	14:30	1.71	1185
	14:45	1.75	1212
	15:00	1.7	1182
	15:15	1.72	1196
	15:30	1.72	1196
	15:45	1.63	1130
	16:00	1.66	1151
	16:15	1.87	1295
	16:30	1.85	1280
	16:45	1.85	1285
	17:00	1.77	1228
	17:15	1.89	1310
	17:30	1.82	1265
	17:45	1.85	1280
	18:00	1.71	1186
	18:15	1.8	1247
	18:30	1.88	1306
	18:45	1.71	1185
	19:00	1.66	1151
	19:15	1.85	1285
	19:30	1.66	1153
	19:45	1.84	1277
	20:00	1.76	1218
	20:15	1.8	1252

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	20:30	1.77	1230
	20:45	1.71	1188
	21:00	1.73	1199
	21:15	1.72	1196
	21:30	1.82	1266
	21:45	1.76	1222
	22:00	1.68	1163
	22:15	1.89	1308
	22:30	1.78	1238
	22:45	1.71	1187
	23:00	1.71	1185
	23:15	1.85	1285
	23:30	1.73	1199
	23:45	1.7	1183
2/10/2014	0:00	1.75	1212
	0:15	1.71	1190
	0:30	1.78	1233
	0:45	1.76	1221
	1:00	1.75	1212
	1:15	1.8	1246
	1:30	1.84	1278
	1:45	1.71	1186
	2:00	1.76	1224
	2:15	1.76	1220
	2:30	1.81	1257
	2:45	1.69	1174
	3:00	1.87	1295
	3:15	1.77	1229
	3:30	1.79	1244
	3:45	1.75	1216
	4:00	1.62	1122
	4:15	1.7	1182
	4:30	1.8	1249
	4:45	1.73	1203
	5:00	1.79	1244
	5:15	1.82	1262
	5:30	1.68	1163
	5:45	1.84	1276

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	6:00	1.86	1292
	6:15	1.78	1232
	6:30	1.67	1159
	6:45	1.84	1274
	7:00	1.78	1237
	7:15	1.82	1262
	7:30	1.8	1248
	7:45	1.66	1151
	8:00	1.69	1170
	8:15	1.87	1295
	8:30	1.72	1191
	8:45	1.79	1242
	9:00	1.66	1154
	9:15	1.74	1208
	9:30	1.85	1283
	9:45	1.8	1250
	10:00	1.77	1227
	10:15	1.8	1246
	10:30	1.76	1223
	10:45	1.75	1213
	11:00	1.78	1234
	11:15	1.74	1209
	11:30	1.8	1251
	11:45	1.78	1232
	12:00	1.73	1198
	12:15	1.81	1255
	12:30	1.78	1232
	12:45	1.85	1287
	13:00	1.67	1160
	13:15	1.78	1235
	13:30	1.71	1183
	13:45	1.74	1208
	14:00	1.64	1135
	14:15	1.76	1220
	14:30	1.84	1275
	14:45	1.74	1208
	15:00	1.74	1210
	15:15	1.66	1151

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	15:30	1.72	1196
	15:45	1.76	1224
	16:00	1.84	1274
	16:15	1.81	1253
	16:30	1.65	1146
	16:45	1.78	1234
	17:00	1.82	1263
	17:15	1.82	1264
	17:30	1.63	1133
	17:45	1.69	1172
	18:00	1.75	1212
	18:15	1.73	1201
	18:30	1.79	1243
	18:45	1.75	1214
	19:00	1.82	1264
	19:15	1.77	1227
	19:30	1.68	1169
	19:45	1.75	1215
	20:00	1.75	1215
	20:15	1.76	1220
	20:30	1.7	1179
	20:45	1.77	1228
	21:00	1.84	1280
	21:15	1.84	1280
	21:30	1.8	1251
	21:45	1.8	1250
	22:00	1.81	1257
	22:15	1.65	1147
	22:30	1.72	1194
	22:45	1.7	1180
	23:00	1.76	1224
	23:15	1.81	1256
	23:30	1.74	1205
	23:45	1.81	1254
2/11/2014	0:00	1.71	1190
	0:15	1.73	1201
	0:30	1.76	1224
	0:45	1.9	1319

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	1:00	1.82	1265
	1:15	1.82	1266
	1:30	1.89	1314
	1:45	1.74	1210
	2:00	1.8	1251
	2:15	1.83	1271
	2:30	1.67	1158
	2:45	1.78	1238
	3:00	1.7	1181
	3:15	1.8	1251
	3:30	1.79	1241
	3:45	1.88	1303
	4:00	1.74	1205
	4:15	1.81	1255
	4:30	1.73	1201
	4:45	1.66	1149
	5:00	1.7	1183
	5:15	1.71	1184
	5:30	1.78	1237
	5:45	1.82	1264
	6:00	1.68	1167
	6:15	1.82	1262
	6:30	1.69	1174
	6:45	1.69	1171
	7:00	1.69	1170
	7:15	1.69	1174
	7:30	1.75	1217
	7:45	1.59	1101
	8:00	1.8	1246
	8:15	1.69	1176
	8:30	1.77	1231
	8:45	1.76	1218
	9:00	1.81	1255
	9:15	1.63	1133
	9:30	1.66	1151
	9:45	1.87	1300
	10:00	1.87	1296
	10:15	1.83	1271

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	10:30	1.78	1234
	10:45	1.75	1212
	11:00	1.83	1268
	11:15	1.67	1162
	11:30	1.75	1213
	11:45	1.76	1223
	12:00	1.66	1153
	12:15	1.81	1255
	12:30	1.6	1108
	12:45	1.68	1165
	13:00	1.77	1228
	13:15	1.8	1246
	13:30	1.78	1234
	13:45	1.96	1362
	14:00	1.76	1222
	14:15	1.67	1160
	14:30	1.84	1277
	14:45	1.85	1286
	15:00	1.69	1174
	15:15	1.94	1345
	15:30	1.83	1271
	15:45	1.7	1178
	16:00	1.67	1160
	16:15	1.72	1194
	16:30	1.8	1250
	16:45	1.82	1264
	17:00	1.79	1242
	17:15	1.74	1210
	17:30	1.67	1158
	17:45	1.75	1216
	18:00	1.87	1296
	18:15	1.9	1317
	18:30	1.65	1147
	18:45	1.78	1234
	19:00	1.79	1239
	19:15	1.93	1339
	19:30	1.72	1196
	19:45	1.69	1170

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	20:00	1.91	1326
	20:15	1.78	1235
	20:30	1.62	1126
	20:45	1.82	1261
	21:00	1.75	1213
	21:15	1.76	1218
	21:30	1.82	1260
	21:45	1.68	1167
	22:00	1.86	1293
	22:15	1.61	1115
	22:30	1.73	1201
	22:45	1.67	1159
	23:00	1.91	1323
	23:15	1.84	1276
	23:30	1.8	1251
	23:45	1.81	1253
2/12/2014	0:00	1.66	1151
	0:15	1.73	1203
	0:30	1.89	1309
	0:45	1.89	1308
	1:00	1.92	1334
	1:15	1.69	1171
	1:30	1.6	1110
	1:45	1.75	1212
	2:00	1.99	1380
	2:15	1.74	1206
	2:30	1.83	1273
	2:45	1.75	1212
	3:00	1.62	1126
	3:15	1.73	1201
	3:30	1.83	1272
	3:45	1.78	1237
	4:00	1.65	1144
	4:15	1.95	1351
	4:30	1.88	1305
	4:45	1.79	1240
	5:00	1.83	1268
	5:15	1.84	1280

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	5:30	1.65	1142
	5:45	1.79	1239
	6:00	1.84	1278
	6:15	1.7	1181
	6:30	1.78	1236
	6:45	1.82	1260
	7:00	1.82	1264
	7:15	1.71	1186
	7:30	1.76	1222
	7:45	1.83	1273
	8:00	1.74	1210
	8:15	1.92	1333
	8:30	1.83	1269
	8:45	1.7	1183
	9:00	1.78	1236
	9:15	1.8	1250
	9:30	1.89	1308
	9:45	1.83	1272
	10:00	1.72	1192
	10:15	1.73	1201
	10:30	1.93	1339
	10:45	1.85	1285
	11:00	1.68	1162
	11:15	1.74	1208
	11:30	1.81	1258
	11:45	1.79	1244
	12:00	1.75	1212
	12:15	1.79	1239
	12:30	1.73	1197
	12:45	1.68	1165
	13:00	1.81	1257
	13:15	1.73	1201
	13:30	1.75	1212
	13:45	1.72	1193
	14:00	1.8	1248
	14:15	1.85	1280
	14:30	1.79	1245
	14:45	1.69	1171

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	15:00	1.9	1319
	15:15	1.5	1040
	15:30	1.98	1372
	15:45	1.67	1161
	16:00	1.69	1170
	16:15	1.93	1341
	16:30	1.88	1307
	16:45	1.76	1219
	17:00	1.89	1310
	17:15	1.77	1231
	17:30	1.92	1332
	17:45	1.67	1160
	18:00	1.71	1188
	18:15	1.68	1169
	18:30	1.8	1250
	18:45	1.76	1219
	19:00	1.62	1121
	19:15	1.85	1283
	19:30	1.71	1187
	19:45	1.82	1264
	20:00	1.72	1192
	20:15	1.45	1004
	20:30	1.62	1121
	20:45	1.76	1224
	21:00	1.78	1233
	21:15	1.84	1280
	21:30	1.81	1256
	21:45	1.58	1099
	22:00	1.74	1207
	22:15	1.89	1314
	22:30	2.03	1406
	22:45	1.85	1283
	23:00	1.77	1225
	23:15	1.76	1219
	23:30	1.67	1162
	23:45	1.91	1326
2/13/2014	0:00	1.79	1239
	0:15	1.89	1310

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	0:30	1.76	1220
	0:45	1.71	1190
	1:00	1.77	1229
	1:15	1.98	1374
	1:30	1.68	1163
	1:45	1.7	1182
	2:00	1.88	1305
	2:15	1.69	1174
	2:30	1.79	1241
	2:45	1.85	1283
	3:00	1.71	1185
	3:15	1.72	1195
	3:30	1.83	1271
	3:45	1.78	1237
	4:00	1.71	1190
	4:15	1.75	1214
	4:30	1.62	1121
	4:45	1.68	1163
	5:00	1.66	1154
	5:15	1.95	1351
	5:30	1.95	1351
	5:45	1.71	1190
	6:00	1.82	1262
	6:15	1.95	1350
	6:30	1.72	1194
	6:45	1.72	1193
	7:00	1.67	1156
	7:15	1.73	1201
	7:30	1.87	1299
	7:45	1.61	1115
	8:00	1.7	1183
	8:15	1.88	1301
	8:30	1.7	1178
	8:45	1.87	1301
	9:00	1.7	1177
	9:15	1.66	1155
	9:30	1.98	1372
	9:45	1.83	1269

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	10:00	1.69	1170
	10:15	1.62	1123
	10:30	1.81	1253
	10:45	2.08	1445
	11:00	1.68	1168
	11:15	1.85	1283
	11:30	1.79	1244
	11:45	1.87	1298
	12:00	1.91	1326
	12:15	1.96	1357
	12:30	1.65	1145
	12:45	1.71	1183
	13:00	1.86	1289
	13:15	1.68	1167
	13:30	1.95	1355
	13:45	1.78	1233
	14:00	1.85	1283
	14:15	1.48	1028
	14:30	1.94	1344
	14:45	1.73	1201
	15:00	1.73	1197
	15:15	1.87	1296
	15:30	1.76	1224
	15:45	1.69	1172
	16:00	1.78	1234
	16:15	1.59	1103
	16:30	1.65	1146
	16:45	1.86	1292
	17:00	1.7	1179
	17:15	1.51	1049
	17:30	1.87	1298
	17:45	1.46	1016
	18:00	1.63	1132
	18:15	1.55	1074
	18:30	1.75	1215
	18:45	1.54	1065
	19:00	1.92	1334
	19:15	1.79	1243

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	19:30	1.55	1078
	19:45	1.87	1298
	20:00	1.77	1226
	20:15	1.91	1323
	20:30	1.71	1184
	20:45	1.73	1202
	21:00	1.8	1246
	21:15	1.81	1253
	21:30	1.77	1231
	21:45	1.66	1153
	22:00	1.65	1145
	22:15	1.78	1237
	22:30	1.72	1193
	22:45	1.66	1152
	23:00	1.66	1152
	23:15	1.8	1248
	23:30	1.88	1303
	23:45	1.58	1094
2/14/2014	0:00	1.75	1217
	0:15	1.83	1271
	0:30	1.69	1174
	0:45	1.68	1168
	1:00	1.56	1080
	1:15	2	1390
	1:30	1.77	1225
	1:45	1.63	1129
	2:00	1.88	1305
	2:15	1.67	1158
	2:30	1.62	1124
	2:45	1.52	1058
	3:00	1.63	1130
	3:15	1.71	1190
	3:30	1.67	1158
	3:45	1.9	1319
	4:00	1.54	1069
	4:15	1.6	1112
	4:30	1.63	1129
	4:45	1.73	1202

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	5:00	1.82	1264
	5:15	1.76	1221
	5:30	1.75	1211
	5:45	1.88	1305
	6:00	1.79	1243
	6:15	1.56	1079
	6:30	1.74	1210
	6:45	1.94	1345
	7:00	1.8	1252
	7:15	1.54	1066
	7:30	1.94	1347
	7:45	1.84	1276
	8:00	1.66	1152
	8:15	2.04	1414
	8:30	1.83	1269
	8:45	1.74	1206
	9:00	1.64	1137
	9:15	1.64	1137
	9:30	1.77	1230
	9:45	2.1	1454
	10:00	1.81	1255
	10:15	1.67	1161
	10:30	1.79	1242
	10:45	2	1390
	11:00	1.49	1035
	11:15	1.7	1180
	11:30	1.76	1218
	11:45	1.84	1278
	12:00	1.86	1293
	12:15	1.83	1268
	12:30	1.63	1130
	12:45	1.73	1202
	13:00	1.44	1001
	13:15	1.71	1190
	13:30	1.96	1357
	13:45	1.59	1101
	14:00	1.81	1258
	14:15	1.82	1263

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	14:30	1.75	1217
	14:45	1.88	1307
	15:00	1.81	1253
	15:15	2.09	1447
	15:30	1.71	1189
	15:45	1.99	1378
	16:00	1.71	1186
	16:15	1.82	1264
	16:30	1.87	1296
	16:45	2.05	1420
	17:00	1.75	1212
	17:15	1.84	1278
	17:30	2	1390
	17:45	1.85	1282
	18:00	1.9	1321
	18:15	1.77	1228
	18:30	1.85	1287
	18:45	1.68	1169
	19:00	2	1387
	19:15	1.99	1378
	19:30	1.8	1246
	19:45	1.51	1047
	20:00	2.12	1472
	20:15	1.59	1105
	20:30	1.76	1220
	20:45	1.78	1237
	21:00	1.82	1261
	21:15	1.4	972
	21:30	1.86	1292
	21:45	1.86	1288
	22:00	1.92	1332
	22:15	1.81	1258
	22:30	1.44	999
	22:45	1.78	1234
	23:00	1.97	1370
	23:15	1.84	1277
	23:30	1.85	1283
	23:45	1.86	1292

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
2/15/2014	0:00	1.81	1253
	0:15	1.85	1285
	0:30	1.75	1212
	0:45	2	1387
	1:00	1.56	1081
	1:15	1.84	1276
	1:30	1.75	1217
	1:45	1.81	1255
	2:00	1.74	1209
	2:15	1.76	1221
	2:30	2.02	1399
	2:45	1.9	1321
	3:00	1.7	1178
	3:15	1.81	1255
	3:30	1.87	1298
	3:45	1.78	1238
	4:00	1.91	1326
	4:15	1.71	1184
	4:30	1.67	1162
	4:45	2	1391
	5:00	1.7	1177
	5:15	1.64	1137
	5:30	1.84	1277
	5:45	1.99	1379
	6:00	1.92	1335
	6:15	1.83	1270
	6:30	1.69	1174
	6:45	1.82	1260
	7:00	2.11	1463
	7:15	1.78	1237
	7:30	1.92	1335
	7:45	1.57	1091
	8:00	1.71	1187
	8:15	2.11	1466
	8:30	1.57	1091
	8:45	1.65	1146
	9:00	2.38	1652
	9:15	2.16	1496

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	9:30	1.58	1096
	9:45	1.68	1169
	10:00	1.92	1333
	10:15	1.8	1251
	10:30	1.83	1271
	10:45	1.88	1305
	11:00	1.76	1224
	11:15	1.36	942
	11:30	1.89	1312
	11:45	1.85	1284
	12:00	1.91	1327
	12:15	1.79	1244
	12:30	1.73	1201
	12:45	1.94	1345
	13:00	1.76	1221
	13:15	2.06	1430
	13:30	1.5	1042
	13:45	1.69	1171
	14:00	1.99	1379
	14:15	1.89	1309
	14:30	1.77	1226
	14:45	2.02	1399
	15:00	2.03	1408
	15:15	1.79	1239
	15:30	1.71	1187
	15:45	1.49	1033
	16:00	1.98	1377
	16:15	2.23	1550
	16:30	1.91	1323
	16:45	2.02	1403
	17:00	1.99	1380
	17:15	1.86	1288
	17:30	1.86	1288
	17:45	2.01	1395
	18:00	2.51	1741
	18:15	1.74	1209
	18:30	1.83	1269
	18:45	1.83	1269

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	19:00	1.97	1367
	19:15	2.03	1410
	19:30	2	1391
	19:45	1.32	915
	20:00	1.67	1158
	20:15	1.95	1355
	20:30	1.8	1248
	20:45	1.95	1355
	21:00	2.15	1490
	21:15	2	1388
	21:30	2	1387
	21:45	1.95	1354
	22:00	1.82	1260
	22:15	1.83	1269
	22:30	1.73	1197
	22:45	1.83	1271
	23:00	1.93	1338
	23:15	1.7	1179
	23:30	1.96	1360
	23:45	1.45	1007
2/16/2014	0:00	1.7	1181
	0:15	1.59	1101
	0:30	1.66	1155
	0:45	1.71	1189
	1:00	1.9	1319
	1:15	1.84	1280
	1:30	2.11	1464
	1:45	1.73	1202
	2:00	1.55	1072
	2:15	1.62	1123
	2:30	1.87	1296
	2:45	1.54	1067
	3:00	1.94	1346
	3:15	1.76	1220
	3:30	1.68	1168
	3:45	1.72	1194
	4:00	1.91	1324
	4:15	1.61	1116

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	4:30	1.83	1269
	4:45	2.14	1482
	5:00	1.8	1249
	5:15	1.83	1273
	5:30	1.83	1271
	5:45	1.88	1306
	6:00	2.22	1539
	6:15	1.99	1380
	6:30	1.79	1239
	6:45	1.76	1221
	7:00	1.71	1187
	7:15	1.84	1278
	7:30	1.9	1317
	7:45	1.66	1149
	8:00	1.99	1378
	8:15	1.56	1083
	8:30	1.91	1323
	8:45	1.81	1254
	9:00	1.84	1279
	9:15	1.77	1228
	9:30	1.69	1170
	9:45	1.74	1205
	10:00	1.79	1243
	10:15	1.84	1276
	10:30	2.1	1455
	10:45	1.64	1137
	11:00	1.67	1156
	11:15	1.94	1344
	11:30	1.69	1174
	11:45	2.03	1409
	12:00	1.85	1283
	12:15	1.89	1313
	12:30	1.99	1379
	12:45	2.04	1416
	13:00	1.91	1328
	13:15	2	1390
	13:30	1.8	1246
	13:45	1.91	1322

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	14:00	1.8	1250
	14:15	1.78	1236
	14:30	1.92	1330
	14:45	1.6	1112
	15:00	1.62	1125
	15:15	1.83	1271
	15:30	1.91	1326
	15:45	2.02	1399
	16:00	1.63	1131
	16:15	1.91	1326
	16:30	1.71	1183
	16:45	1.75	1217
	17:00	1.82	1260
	17:15	1.87	1301
	17:30	1.99	1381
	17:45	2.07	1436
	18:00	1.99	1380
	18:15	1.73	1199
	18:30	2.08	1441
	18:45	2.11	1466
	19:00	1.97	1366
	19:15	1.97	1364
	19:30	1.99	1380
	19:45	1.71	1190
	20:00	1.72	1194
	20:15	1.65	1146
	20:30	1.78	1233
	20:45	1.75	1213
	21:00	1.67	1160
	21:15	1.87	1296
	21:30	1.62	1122
	21:45	1.98	1374
	22:00	1.93	1337
	22:15	1.65	1142
	22:30	1.92	1335
	22:45	1.99	1381
	23:00	2.09	1450
	23:15	1.81	1255

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	23:30	2.17	1507
	23:45	1.89	1310
2/17/2014	0:00	2.33	1616
	0:15	1.58	1097
	0:30	1.6	1110
	0:45	1.78	1233
	1:00	2.05	1425
	1:15	1.93	1338
	1:30	1.85	1282
	1:45	1.88	1307
	2:00	1.88	1303
	2:15	1.74	1209
	2:30	1.91	1328
	2:45	1.91	1328
	3:00	1.97	1365
	3:15	1.82	1266
	3:30	1.5	1040
	3:45	1.62	1124
	4:00	1.79	1239
	4:15	2.06	1428
	4:30	1.63	1128
	4:45	1.71	1188
	5:00	1.99	1382
	5:15	1.88	1307
	5:30	1.78	1232
	5:45	1.62	1122
	6:00	1.86	1293
	6:15	1.89	1310
	6:30	1.77	1227
	6:45	1.83	1269
	7:00	1.91	1326
	7:15	2.09	1453
	7:30	1.78	1234
	7:45	1.62	1125
	8:00	1.98	1372
	8:15	1.69	1172
	8:30	2.03	1406
	8:45	2.06	1430

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	9:00	2.08	1442
	9:15	1.86	1294
	9:30	2.04	1415
	9:45	1.71	1190
	10:00	1.9	1319
	10:15	1.7	1177
	10:30	1.85	1282
	10:45	1.58	1098
	11:00	1.81	1259
	11:15	1.97	1365
	11:30	1.82	1263
	11:45	1.72	1192
	12:00	1.83	1268
	12:15	1.66	1152
	12:30	1.72	1194
	12:45	2.15	1494
	13:00	1.76	1218
	13:15	1.72	1194
	13:30	1.85	1285
	13:45	1.87	1294
	14:00	1.73	1203
	14:15	2.08	1441
	14:30	1.68	1165
	14:45	1.83	1269
	15:00	1.76	1223
	15:15	1.8	1251
	15:30	1.95	1353
	15:45	1.84	1278
	16:00	1.65	1142
	16:15	1.59	1106
	16:30	1.78	1234
	16:45	1.93	1336
	17:00	1.54	1071
	17:15	1.87	1296
	17:30	1.93	1340
	17:45	2.05	1422
	18:00	1.93	1337
	18:15	1.88	1307

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	18:30	1.52	1053
	18:45	1.9	1321
	19:00	1.95	1356
	19:15	1.92	1330
	19:30	1.83	1273
	19:45	1.9	1321
	20:00	1.95	1351
	20:15	1.71	1183
	20:30	1.69	1173
	20:45	1.81	1259
	21:00	1.74	1210
	21:15	1.56	1085
	21:30	1.76	1219
	21:45	1.8	1252
	22:00	1.72	1192
	22:15	1.72	1193
	22:30	1.93	1340
	22:45	1.69	1172
	23:00	1.85	1283
	23:15	1.94	1347
	23:30	1.74	1208
	23:45	1.82	1262
2/18/2014	0:00	1.71	1185
	0:15	1.84	1275
	0:30	1.7	1181
	0:45	1.91	1327
	1:00	1.85	1283
	1:15	1.91	1328
	1:30	1.73	1197
	1:45	1.58	1097
	2:00	1.64	1137
	2:15	1.71	1187
	2:30	2.07	1434
	2:45	1.8	1248
	3:00	1.84	1276
	3:15	1.72	1196
	3:30	1.81	1255
	3:45	1.75	1215

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	4:00	1.92	1329
	4:15	1.99	1379
	4:30	1.85	1285
	4:45	2.06	1431
	5:00	1.87	1296
	5:15	1.78	1234
	5:30	1.94	1349
	5:45	1.69	1170
	6:00	1.71	1187
	6:15	1.71	1183
	6:30	1.85	1285
	6:45	1.57	1087
	7:00	1.62	1126
	7:15	1.97	1369
	7:30	1.77	1227
	7:45	1.92	1333
	8:00	1.92	1333
	8:15	1.89	1310
	8:30	1.84	1273
	8:45	1.97	1365
	9:00	1.54	1066
	9:15	1.76	1222
	9:30	1.9	1316
	9:45	1.95	1351
	10:00	1.95	1351
	10:15	1.94	1345
	10:30	1.81	1258
	10:45	1.74	1208
	11:00	1.84	1280
	11:15	1.87	1299
	11:30	1.75	1214
	11:45	1.74	1204
	12:00	1.91	1323
	12:15	1.8	1246
	12:30	1.66	1154
	12:45	1.78	1233
	13:00	1.91	1323
	13:15	1.94	1346

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	13:30	1.88	1306
	13:45	1.73	1203
	14:00	1.78	1233
	14:15	1.82	1262
	14:30	1.91	1324
	14:45	1.72	1194
	15:00	1.79	1239
	15:15	1.78	1233
	15:30	1.8	1252
	15:45	1.82	1260
	16:00	1.8	1249
	16:15	1.78	1237
	16:30	1.84	1277
	16:45	1.8	1246
	17:00	1.83	1271
	17:15	1.8	1248
	17:30	1.76	1219
	17:45	1.82	1264
	18:00	1.9	1318
	18:15	1.69	1176
	18:30	1.67	1156
	18:45	1.87	1301
	19:00	1.86	1291
	19:15	1.83	1267
	19:30	1.84	1278
	19:45	1.75	1217
	20:00	1.86	1292
	20:15	1.87	1300
	20:30	1.88	1303
	20:45	1.73	1200
	21:00	1.87	1296
	21:15	1.82	1260
	21:30	1.85	1282
	21:45	1.8	1248
	22:00	1.77	1226
	22:15	1.86	1293
	22:30	1.87	1300
	22:45	1.79	1241

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	23:00	1.69	1174
	23:15	1.8	1248
	23:30	1.8	1251
	23:45	1.82	1262
2/19/2014	0:00	1.86	1287
	0:15	1.83	1272
	0:30	1.82	1262
	0:45	1.83	1269
	1:00	1.69	1174
	1:15	1.8	1250
	1:30	1.85	1283
	1:45	1.78	1237
	2:00	1.81	1255
	2:15	1.81	1255
	2:30	1.87	1295
	2:45	1.69	1174
	3:00	1.9	1319
	3:15	1.85	1287
	3:30	1.81	1255
	3:45	1.83	1268
	4:00	1.8	1248
	4:15	1.72	1195
	4:30	1.83	1271
	4:45	1.81	1257
	5:00	1.93	1342
	5:15	1.84	1277
	5:30	1.74	1205
	5:45	1.79	1239
	6:00	1.87	1299
	6:15	1.81	1255
	6:30	1.79	1242
	6:45	1.79	1240
	7:00	1.86	1287
	7:15	1.72	1196
	7:30	1.87	1296
	7:45	1.72	1192
	8:00	1.87	1300
	8:15	1.72	1193

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	8:30	1.78	1235
	8:45	1.81	1255
	9:00	1.8	1249
	9:15	1.8	1247
	9:30	1.81	1255
	9:45	1.68	1169
	10:00	1.86	1287
	10:15	1.77	1228
	10:30	1.85	1283
	10:45	1.8	1246
	11:00	1.76	1219
	11:15	1.85	1285
	11:30	1.97	1364
	11:45	1.77	1227
	12:00	1.87	1294
	12:15	1.97	1369
	12:30	1.71	1187
	12:45	1.85	1285
	13:00	1.94	1343
	13:15	1.77	1228
	13:30	1.85	1285
	13:45	1.78	1233
	14:00	1.94	1348
	14:15	1.93	1339
	14:30	1.89	1312
	14:45	1.68	1164
	15:00	1.74	1205
	15:15	1.91	1328
	15:30	1.81	1259
	15:45	1.84	1280
	16:00	1.83	1272
	16:15	1.81	1255
	16:30	1.8	1251
	16:45	1.74	1210
	17:00	1.81	1253
	17:15	1.72	1190
	17:30	1.79	1241
	17:45	1.68	1169

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	18:00	1.69	1173
	18:15	1.84	1276
	18:30	1.9	1317
	18:45	1.9	1319
	19:00	1.85	1282
	19:15	1.76	1218
	19:30	1.81	1253
	19:45	1.76	1219
	20:00	1.78	1237
	20:15	1.84	1277
	20:30	1.77	1230
	20:45	1.89	1309
	21:00	1.85	1282
	21:15	1.83	1271
	21:30	1.82	1262
	21:45	1.81	1259
	22:00	1.74	1210
	22:15	1.82	1266
	22:30	1.79	1242
	22:45	1.78	1233
	23:00	1.79	1241
	23:15	1.76	1219
	23:30	1.77	1228
	23:45	1.82	1263
2/20/2014	0:00	1.87	1300
	0:15	1.88	1305
	0:30	1.72	1196
	0:45	1.81	1253
	1:00	1.96	1360
	1:15	1.81	1256
	1:30	1.98	1373
	1:45	1.75	1212
	2:00	1.69	1170
	2:15	1.83	1271
	2:30	1.79	1244
	2:45	1.8	1250
	3:00	1.83	1271
	3:15	1.85	1284

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	3:30	1.83	1268
	3:45	1.92	1329
	4:00	1.92	1334
	4:15	1.7	1180
	4:30	1.74	1210
	4:45	1.72	1196
	5:00	1.73	1201
	5:15	1.81	1253
	5:30	1.68	1163
	5:45	1.88	1307
	6:00	1.74	1210
	6:15	1.77	1226
	6:30	1.82	1262
	6:45	1.86	1292
	7:00	1.98	1375
	7:15	1.74	1205
	7:30	1.78	1237
	7:45	1.89	1314
	8:00	1.81	1257
	8:15	1.73	1201
	8:30	1.87	1295
	8:45	1.79	1244
	9:00	1.83	1269
	9:15	1.76	1218
	9:30	1.83	1268
	9:45	1.81	1253
	10:00	1.77	1228
	10:15	1.75	1211
	10:30	1.76	1219
	10:45	1.86	1289
	11:00	1.8	1251
	11:15	1.71	1187
	11:30	1.82	1265
	11:45	1.72	1194
	12:00	1.78	1234
	12:15	1.82	1260
	12:30	1.84	1278
	12:45	1.87	1299

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	13:00	1.73	1203
	13:15	1.73	1201
	13:30	1.75	1214
	13:45	1.73	1201
	14:00	1.89	1312
	14:15	1.85	1284
	14:30	1.71	1190
	14:45	1.77	1228
	15:00	1.78	1235
	15:15	1.84	1274
	15:30	1.91	1323
	15:45	1.84	1278
	16:00	1.88	1304
	16:15	1.83	1268
	16:30	1.85	1282
	16:45	1.77	1226
	17:00	1.82	1262
	17:15	1.78	1236
	17:30	1.86	1289
	17:45	1.75	1212
	18:00	1.86	1287
	18:15	1.93	1339
	18:30	1.74	1209
	18:45	1.82	1266
	19:00	1.92	1335
	19:15	1.72	1196
	19:30	1.84	1280
	19:45	1.75	1217
	20:00	1.83	1267
	20:15	1.81	1257
	20:30	1.81	1256
	20:45	1.83	1271
	21:00	1.87	1294
	21:15	1.87	1299
	21:30	1.67	1162
	21:45	1.75	1212
	22:00	1.84	1277
	22:15	1.7	1183

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	22:30	1.86	1289
	22:45	1.65	1146
	23:00	1.82	1260
	23:15	1.82	1260
	23:30	1.8	1248
	23:45	1.68	1165
2/21/2014	0:00	1.76	1224
	0:15	1.82	1266
	0:30	1.65	1146
	0:45	1.75	1216
	1:00	1.77	1229
	1:15	1.75	1213
	1:30	1.79	1243
	1:45	1.95	1353
	2:00	1.95	1355
	2:15	1.77	1227
	2:30	2.02	1400
	2:45	1.82	1261
	3:00	1.82	1260
	3:15	1.82	1262
	3:30	1.79	1245
	3:45	1.82	1264
	4:00	1.88	1303
	4:15	1.87	1298
	4:30	1.74	1208
	4:45	1.95	1351
	5:00	1.78	1233
	5:15	1.81	1259
	5:30	1.84	1280
	5:45	1.87	1298
	6:00	1.9	1317
	6:15	1.87	1296
	6:30	1.81	1257
	6:45	1.83	1271
	7:00	1.72	1196
	7:15	1.85	1286
	7:30	1.81	1258
	7:45	1.79	1245

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	8:00	1.84	1280
	8:15	1.9	1316
	8:30	1.84	1278
	8:45	1.82	1264
	9:00	1.69	1176
	9:15	1.81	1259
	9:30	1.78	1236
	9:45	1.8	1246
	10:00	1.75	1217
	10:15	1.77	1227
	10:30	1.83	1268
	10:45	1.74	1210
	11:00	1.78	1238
	11:15	1.87	1296
	11:30	1.86	1293
	11:45	1.91	1327
	12:00	1.76	1223
	12:15	1.88	1307
	12:30	1.87	1297
	12:45	1.85	1284
	13:00	1.73	1201
	13:15	1.74	1210
	13:30	1.7	1183
	13:45	1.78	1232
	14:00	1.83	1272
	14:15	1.78	1237
	14:30	1.86	1289
	14:45	1.77	1230
	15:00	1.76	1219
	15:15	1.8	1250
	15:30	1.91	1326
	15:45	1.86	1292
	16:00	1.63	1128
	16:15	1.8	1248
	16:30	1.83	1271
	16:45	1.68	1163
	17:00	1.7	1179
	17:15	1.88	1306

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	17:30	1.73	1197
	17:45	1.79	1242
	18:00	1.88	1301
	18:15	1.86	1288
	18:30	1.7	1181
	18:45	1.84	1278
	19:00	1.82	1263
	19:15	1.78	1235
	19:30	1.76	1218
	19:45	1.73	1199
	20:00	1.59	1106
	20:15	1.78	1236
	20:30	1.74	1204
	20:45	1.7	1178
	21:00	1.54	1071
	21:15	1.57	1089
	21:30	1.92	1333
	21:45	1.8	1246
	22:00	1.84	1274
	22:15	1.85	1284
	22:30	1.79	1239
	22:45	1.79	1243
	23:00	1.91	1323
	23:15	1.7	1179
	23:30	1.74	1210
	23:45	1.74	1205
2/22/2014	0:00	1.8	1252
	0:15	1.73	1202
	0:30	1.72	1192
	0:45	1.88	1303
	1:00	1.88	1303
	1:15	1.66	1155
	1:30	1.77	1226
	1:45	1.79	1239
	2:00	1.74	1205
	2:15	1.92	1331
	2:30	1.85	1286
	2:45	1.77	1227

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	3:00	1.94	1344
	3:15	1.73	1199
	3:30	1.71	1188
	3:45	1.65	1147
	4:00	1.74	1207
	4:15	1.8	1249
	4:30	1.79	1245
	4:45	1.64	1140
	5:00	1.77	1229
	5:15	1.82	1260
	5:30	1.81	1253
	5:45	1.72	1195
	6:00	1.81	1253
	6:15	1.78	1237
	6:30	1.6	1107
	6:45	1.86	1292
	7:00	1.79	1239
	7:15	2.01	1395
	7:30	1.86	1288
	7:45	1.84	1277
	8:00	1.77	1228
	8:15	1.78	1236
	8:30	1.87	1298
	8:45	1.85	1282
	9:00	1.73	1202
	9:15	1.81	1253
	9:30	1.81	1255
	9:45	1.93	1337
	10:00	1.85	1282
	10:15	1.74	1204
	10:30	1.84	1273
	10:45	1.8	1252
	11:00	1.81	1254
	11:15	1.92	1330
	11:30	1.76	1220
	11:45	1.91	1323
	12:00	1.77	1225
	12:15	1.69	1174

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	12:30	1.84	1280
	12:45	1.7	1183
	13:00	1.79	1240
	13:15	1.75	1217
	13:30	1.99	1380
	13:45	1.81	1257
	14:00	1.99	1384
	14:15	1.95	1355
	14:30	1.74	1207
	14:45	1.79	1244
	15:00	1.76	1220
	15:15	1.8	1249
	15:30	1.75	1212
	15:45	1.85	1286
	16:00	1.88	1307
	16:15	1.78	1233
	16:30	1.72	1196
	16:45	1.74	1208
	17:00	1.81	1259
	17:15	1.81	1253
	17:30	1.84	1280
	17:45	1.82	1262
	18:00	1.88	1305
	18:15	1.76	1224
	18:30	1.8	1249
	18:45	1.81	1253
	19:00	1.88	1305
	19:15	1.91	1328
	19:30	1.8	1251
	19:45	1.8	1250
	20:00	1.8	1249
	20:15	1.96	1360
	20:30	1.73	1199
	20:45	1.9	1320
	21:00	1.8	1252
	21:15	1.89	1313
	21:30	1.82	1260
	21:45	1.89	1314

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	22:00	1.87	1299
	22:15	1.77	1230
	22:30	2	1387
	22:45	1.78	1233
	23:00	1.81	1258
	23:15	1.92	1330
	23:30	1.87	1301
	23:45	1.85	1287
2/23/2014	0:00	1.83	1271
	0:15	1.93	1342
	0:30	1.86	1292
	0:45	1.93	1340
	1:00	1.8	1251
	1:15	1.82	1266
	1:30	1.95	1354
	1:45	1.93	1340
	2:00	1.85	1281
	2:15	1.91	1324
	2:30	1.84	1276
	2:45	1.85	1283
	3:00	1.95	1353
	3:15	1.9	1316
	3:30	1.85	1282
	3:45	1.95	1355
	4:00	1.89	1312
	4:15	1.83	1267
	4:30	1.83	1269
	4:45	1.78	1233
	5:00	1.86	1287
	5:15	1.91	1326
	5:30	1.88	1301
	5:45	1.81	1255
	6:00	1.87	1296
	6:15	1.83	1273
	6:30	1.9	1317
	6:45	1.89	1308
	7:00	1.83	1271
	7:15	1.82	1262

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	7:30	1.81	1259
	7:45	1.85	1283
	8:00	1.77	1228
	8:15	1.85	1285
	8:30	1.77	1230
	8:45	1.79	1242
	9:00	1.86	1291
	9:15	1.81	1259
	9:30	1.86	1293
	9:45	1.97	1364
	10:00	2	1387
	10:15	1.75	1217
	10:30	1.86	1291
	10:45	1.94	1344
	11:00	1.99	1382
	11:15	1.85	1287
	11:30	1.75	1215
	11:45	1.83	1270
	12:00	1.79	1243
	12:15	1.81	1257
	12:30	1.87	1301
	12:45	1.82	1264
	13:00	1.81	1258
	13:15	1.79	1245
	13:30	1.93	1337
	13:45	1.86	1289
	14:00	1.89	1308
	14:15	1.82	1260
	14:30	1.86	1289
	14:45	1.88	1303
	15:00	1.84	1277
	15:15	1.95	1354
	15:30	1.89	1310
	15:45	1.89	1310
	16:00	1.86	1289
	16:15	1.87	1295
	16:30	1.89	1310
	16:45	1.84	1275

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

		TCEQ-22J	
Date	Time	Flow (MGD)	Flow (gpm)
	17:00	1.77	1229
	17:15	1.87	1295
	17:30	1.86	1292
	17:45	1.74	1210
	18:00	1.95	1356
	18:15	1.78	1237
	18:30	1.94	1346
	18:45	1.92	1333
	19:00	1.89	1311
	19:15	1.88	1305
	19:30	1.79	1244
	19:45	1.89	1308
	20:00	1.85	1282
	20:15	1.81	1258
	20:30	1.8	1252
	20:45	1.84	1277
	21:00	1.76	1221
	21:15	1.86	1294
	21:30	1.81	1258
	21:45	1.91	1324
	22:00	1.87	1296
	22:15	1.96	1357
	22:30	1.9	1321
	22:45	1.79	1245
	23:00	1.76	1223
	23:15	1.94	1349
	23:30	1.89	1308
	23:45	1.9	1321
2/24/2014	0:00	1.91	1322
	0:15	1.94	1347
	0:30	1.81	1255
	0:45	1.89	1312
	1:00	1.87	1301
	1:15	1.83	1272
	1:30	1.84	1274
	1:45	1.83	1269
	2:00	1.87	1301
	2:15	1.87	1298

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	2:30	1.93	1337
	2:45	1.8	1246
	3:00	1.73	1201
	3:15	1.8	1246
	3:30	1.91	1324
	3:45	1.87	1298
	4:00	1.84	1280
	4:15	1.85	1280
	4:30	1.98	1376
	4:45	1.89	1314
	5:00	1.88	1301
	5:15	1.89	1314
	5:30	1.85	1287
	5:45	1.91	1323
	6:00	1.87	1294
	6:15	1.85	1281
	6:30	1.91	1324
	6:45	1.95	1351
	7:00	1.82	1261
	7:15	1.76	1221
	7:30	1.81	1253
	7:45	1.8	1251
	8:00	1.9	1317
	8:15	1.92	1332
	8:30	1.95	1351
	8:45	1.86	1292
	9:00	1.86	1291
	9:15	1.8	1251
	9:30	1.91	1323
	9:45	1.86	1289
	10:00	1.73	1200
	10:15	1.82	1266
	10:30	1.99	1380
	10:45	1.86	1290
	11:00	1.88	1303
	11:15	1.87	1298
	11:30	1.84	1278
	11:45	1.91	1325

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	12:00	1.88	1303
	12:15	1.88	1306
	12:30	1.9	1315
	12:45	1.82	1260
	13:00	1.76	1219
	13:15	1.9	1321
	13:30	1.86	1290
	13:45	1.85	1283
	14:00	1.86	1289
	14:15	1.86	1291
	14:30	1.87	1299
	14:45	1.86	1288
	15:00	1.83	1273
	15:15	1.84	1276
	15:30	1.93	1340
	15:45	1.8	1252
	16:00	1.93	1342
	16:15	1.88	1303
	16:30	1.82	1264
	16:45	1.89	1312
	17:00	1.98	1377
	17:15	1.96	1361
	17:30	1.87	1296
	17:45	1.8	1252
	18:00	1.88	1304
	18:15	1.86	1292
	18:30	1.78	1238
	18:45	1.84	1276
	19:00	1.84	1278
	19:15	1.95	1350
	19:30	1.89	1312
	19:45	1.89	1308
	20:00	1.9	1321
	20:15	1.83	1267
	20:30	1.93	1342
	20:45	1.83	1268
	21:00	1.85	1287
	21:15	1.91	1326

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	21:30	1.89	1314
	21:45	1.89	1312
	22:00	1.86	1288
	22:15	1.85	1285
	22:30	1.83	1272
	22:45	1.91	1326
	23:00	1.87	1294
	23:15	1.94	1346
	23:30	1.81	1253
	23:45	1.89	1312
2/25/2014	0:00	1.84	1276
	0:15	1.72	1192
	0:30	1.79	1243
	0:45	1.87	1294
	1:00	1.9	1318
	1:15	1.86	1292
	1:30	1.82	1264
	1:45	1.86	1292
	2:00	1.86	1289
	2:15	1.85	1285
	2:30	1.84	1278
	2:45	1.88	1307
	3:00	1.83	1273
	3:15	1.82	1262
	3:30	1.85	1287
	3:45	1.94	1343
	4:00	1.87	1296
	4:15	1.79	1244
	4:30	1.87	1299
	4:45	1.92	1335
	5:00	1.84	1275
	5:15	1.76	1221
	5:30	1.73	1199
	5:45	1.88	1306
	6:00	1.88	1301
	6:15	1.74	1205
	6:30	1.94	1344
	6:45	1.76	1220

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	7:00	1.77	1227
	7:15	1.85	1283
	7:30	1.82	1264
	7:45	1.85	1283
	8:00	1.97	1364
	8:15	1.92	1332
	8:30	1.82	1261
	8:45	1.86	1288
	9:00	1.86	1287
	9:15	1.85	1283
	9:30	1.83	1271
	9:45	1.84	1278
	10:00	1.72	1193
	10:15	1.88	1307
	10:30	1.84	1278
	10:45	1.88	1307
	11:00	1.85	1283
	11:15	1.84	1275
	11:30	1.84	1275
	11:45	1.84	1275
	12:00	1.89	1314
	12:15	1.84	1275
	12:30	1.85	1283
	12:45	1.75	1212
	13:00	1.89	1311
	13:15	1.83	1271
	13:30	1.72	1190
	13:45	1.95	1350
	14:00	1.8	1248
	14:15	1.79	1239
	14:30	1.78	1235
	14:45	1.77	1225
	15:00	1.82	1266
	15:15	1.78	1234
	15:30	1.94	1348
	15:45	1.86	1288
	16:00	1.85	1285
	16:15	1.82	1265

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	16:30	1.84	1275
	16:45	1.83	1269
	17:00	1.93	1342
	17:15	1.81	1254
	17:30	1.88	1305
	17:45	1.77	1225
	18:00	1.85	1287
	18:15	1.88	1304
	18:30	1.82	1265
	18:45	1.92	1332
	19:00	1.86	1288
	19:15	1.84	1276
	19:30	1.75	1213
	19:45	1.74	1208
	20:00	1.86	1294
	20:15	1.74	1204
	20:30	1.78	1238
	20:45	1.83	1271
	21:00	1.75	1215
	21:15	1.82	1263
	21:30	1.92	1332
	21:45	1.91	1323
	22:00	1.85	1282
	22:15	1.82	1260
	22:30	1.89	1308
	22:45	1.74	1208
	23:00	1.81	1255
	23:15	1.79	1244
	23:30	1.83	1271
	23:45	1.87	1299
2/26/2014	0:00	1.86	1290
	0:15	1.75	1213
	0:30	1.78	1234
	0:45	1.79	1244
	1:00	1.74	1206
	1:15	1.79	1240
	1:30	1.82	1264
	1:45	1.76	1221

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	2:00	1.9	1315
	2:15	1.79	1244
	2:30	1.82	1264
	2:45	1.8	1250
	3:00	1.75	1215
	3:15	1.82	1266
	3:30	1.91	1327
	3:45	1.82	1264
	4:00	1.85	1283
	4:15	1.84	1278
	4:30	1.76	1224
	4:45	1.85	1283
	5:00	1.75	1212
	5:15	1.84	1275
	5:30	1.84	1278
	5:45	1.8	1248
	6:00	1.81	1257
	6:15	1.83	1269
	6:30	1.87	1297
	6:45	1.78	1234
	7:00	1.76	1220
	7:15	1.86	1292
	7:30	1.86	1292
	7:45	1.85	1280
	8:00	1.92	1332
	8:15	1.65	1142
	8:30	1.85	1287
	8:45	1.95	1355
	9:00	1.8	1249
	9:15	1.84	1275
	9:30	1.85	1285
	9:45	1.87	1297
	10:00	1.75	1215
	10:15	1.86	1292
	10:30	1.81	1259
	10:45	1.72	1193
	11:00	1.7	1177
	11:15	1.88	1301

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	11:30	1.73	1199
	11:45	1.86	1287
	12:00	1.85	1280
	12:15	1.84	1275
	12:30	1.76	1219
	12:45	1.88	1303
	13:00	1.83	1268
	13:15	1.75	1217
	13:30	1.82	1261
	13:45	1.66	1155
	14:00	1.87	1296
	14:15	1.79	1241
	14:30	1.76	1221
	14:45	1.86	1292
	15:00	1.85	1280
	15:15	1.8	1248
	15:30	1.83	1267
	15:45	1.75	1212
	16:00	1.8	1246
	16:15	1.74	1205
	16:30	1.75	1217
	16:45	1.8	1246
	17:00	1.67	1160
	17:15	1.76	1221
	17:30	1.69	1174
	17:45	1.73	1203
	18:00	1.74	1209
	18:15	1.73	1197
	18:30	1.82	1266
	18:45	1.76	1224
	19:00	1.82	1264
	19:15	1.74	1210
	19:30	1.76	1220
	19:45	1.77	1228
	20:00	1.7	1176
	20:15	1.76	1224
	20:30	1.71	1188
	20:45	1.78	1235

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	21:00	1.75	1212
	21:15	1.78	1237
	21:30	1.7	1181
	21:45	1.7	1178
	22:00	1.75	1211
	22:15	1.7	1178
	22:30	1.75	1216
	22:45	1.69	1170
	23:00	1.8	1250
	23:15	1.68	1168
	23:30	1.71	1187
	23:45	1.69	1170
2/27/2014	0:00	1.69	1176
	0:15	1.75	1215
	0:30	1.75	1216
	0:45	1.67	1156
	1:00	1.74	1204
	1:15	1.74	1209
	1:30	1.77	1225
	1:45	1.71	1186
	2:00	1.76	1221
	2:15	1.66	1151
	2:30	1.7	1176
	2:45	1.72	1194
	3:00	1.71	1184
	3:15	1.71	1189
	3:30	1.73	1199
	3:45	1.72	1193
	4:00	1.71	1190
	4:15	1.76	1219
	4:30	1.71	1190
	4:45	1.71	1187
	5:00	1.71	1185
	5:15	1.73	1201
	5:30	1.73	1199
	5:45	1.71	1184
	6:00	1.72	1190
	6:15	1.72	1195

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	6:30	1.7	1180
	6:45	1.73	1197
	7:00	1.75	1212
	7:15	1.75	1215
	7:30	1.73	1197
	7:45	1.73	1202
	8:00	1.71	1185
	8:15	1.71	1190
	8:30	1.74	1208
	8:45	1.74	1205
	9:00	1.72	1194
	9:15	1.75	1217
	9:30	1.71	1184
	9:45	1.72	1193
	10:00	1.73	1201
	10:15	1.73	1201
	10:30	1.74	1204
	10:45	1.73	1201
	11:00	1.76	1222
	11:15	1.74	1208
	11:30	1.72	1195
	11:45	1.75	1212
	12:00	1.7	1181
	12:15	1.7	1180
	12:30	1.74	1205
	12:45	1.74	1210
	13:00	1.72	1193
	13:15	1.73	1199
	13:30	1.73	1199
	13:45	1.72	1193
	14:00	1.73	1202
	14:15	1.71	1186
	14:30	1.71	1186
	14:45	1.73	1201
	15:00	1.69	1176
	15:15	1.74	1210
	15:30	1.71	1190
	15:45	1.73	1202

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	16:00	1.73	1199
	16:15	1.73	1199
	16:30	1.7	1183
	16:45	1.7	1179
	17:00	1.7	1181
	17:15	1.74	1204
	17:30	1.69	1171
	17:45	1.66	1153
	18:00	1.73	1201
	18:15	1.71	1187
	18:30	1.73	1202
	18:45	1.69	1176
	19:00	1.71	1185
	19:15	1.68	1169
	19:30	1.74	1208
	19:45	1.69	1170
	20:00	1.72	1193
	20:15	1.7	1183
	20:30	1.68	1165
	20:45	1.72	1193
	21:00	1.7	1180
	21:15	1.68	1167
	21:30	1.67	1160
	21:45	1.71	1185
	22:00	1.69	1171
	22:15	1.7	1180
	22:30	1.68	1166
	22:45	1.68	1167
	23:00	1.67	1161
	23:15	1.68	1169
	23:30	1.69	1176
	23:45	1.67	1158
2/28/2014	0:00	1.65	1144
	0:15	1.69	1172
	0:30	1.73	1201
	0:45	1.69	1176
	1:00	1.67	1158
	1:15	1.69	1174

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	1:30	1.72	1192
	1:45	1.68	1165
	2:00	1.7	1178
	2:15	1.73	1201
	2:30	1.66	1151
	2:45	1.7	1180
	3:00	1.71	1189
	3:15	1.7	1178
	3:30	1.7	1177
	3:45	1.69	1170
	4:00	1.7	1177
	4:15	1.69	1169
	4:30	1.7	1176
	4:45	1.69	1170
	5:00	1.72	1193
	5:15	1.69	1174
	5:30	1.7	1178
	5:45	1.71	1183
	6:00	1.73	1198
	6:15	1.69	1174
	6:30	1.72	1191
	6:45	1.71	1186
	7:00	1.67	1160
	7:15	1.73	1199
	7:30	1.71	1185
	7:45	1.71	1183
	8:00	1.68	1169
	8:15	1.66	1149
	8:30	1.69	1173
	8:45	1.7	1177
	9:00	1.69	1171
	9:15	1.69	1175
	9:30	1.67	1160
	9:45	1.69	1170
	10:00	1.67	1156
	10:15	1.68	1164
	10:30	1.67	1162
	10:45	1.69	1176

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	11:00	1.69	1176
	11:15	1.69	1172
	11:30	1.67	1158
	11:45	1.69	1173
	12:00	1.69	1172
	12:15	1.68	1167
	12:30	1.67	1162
	12:45	1.68	1166
	13:00	1.69	1173
	13:15	1.69	1170
	13:30	1.68	1169
	13:45	1.68	1168
	14:00	1.68	1164
	14:15	1.68	1167
	14:30	1.67	1159
	14:45	1.71	1190
	15:00	1.68	1167
	15:15	1.65	1144
	15:30	1.7	1179
	15:45	1.69	1176
	16:00	1.72	1196
	16:15	1.7	1182
	16:30	1.67	1160
	16:45	1.67	1158
	17:00	1.69	1174
	17:15	1.7	1176
	17:30	1.68	1167
	17:45	1.67	1158
	18:00	1.69	1174
	18:15	1.68	1167
	18:30	1.67	1158
	18:45	1.67	1160
	19:00	1.69	1174
	19:15	1.7	1178
	19:30	1.68	1167
	19:45	1.7	1180
	20:00	1.66	1151
	20:15	1.67	1156

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	20:30	1.7	1181
	20:45	1.67	1156
	21:00	1.7	1177
	21:15	1.66	1153
	21:30	1.68	1168
	21:45	1.69	1172
	22:00	1.64	1137
	22:15	1.68	1169
	22:30	1.66	1151
	22:45	1.68	1168
	23:00	1.67	1161
	23:15	1.67	1158
	23:30	1.7	1183
	23:45	1.67	1161
3/1/2014	0:00	1.67	1160
	0:15	1.71	1184
	0:30	1.69	1173
	0:45	1.7	1177
	1:00	1.69	1174
	1:15	1.72	1192
	1:30	1.7	1179
	1:45	1.69	1174
	2:00	1.7	1178
	2:15	1.67	1156
	2:30	1.68	1165
	2:45	1.69	1170
	3:00	1.7	1180
	3:15	1.7	1183
	3:30	1.69	1172
	3:45	1.7	1181
	4:00	1.68	1169
	4:15	1.69	1172
	4:30	1.68	1165
	4:45	1.7	1182
	5:00	1.71	1190
	5:15	1.69	1171
	5:30	1.7	1179
	5:45	1.71	1186

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	6:00	1.71	1186
	6:15	1.72	1190
	6:30	1.7	1181
	6:45	1.73	1200
	7:00	1.7	1181
	7:15	1.71	1189
	7:30	1.68	1163
	7:45	1.7	1179
	8:00	1.7	1177
	8:15	1.72	1195
	8:30	1.7	1183
	8:45	1.72	1192
	9:00	1.71	1188
	9:15	1.72	1192
	9:30	1.72	1192
	9:45	1.73	1203
	10:00	1.7	1179
	10:15	1.7	1180
	10:30	1.71	1185
	10:45	1.71	1188
	11:00	1.7	1181
	11:15	1.7	1179
	11:30	1.71	1186
	11:45	1.74	1209
	12:00	1.71	1185
	12:15	1.73	1202
	12:30	1.71	1187
	12:45	1.71	1185
	13:00	1.72	1190
	13:15	1.76	1218
	13:30	1.72	1195
	13:45	1.72	1191
	14:00	1.72	1192
	14:15	1.73	1197
	14:30	1.75	1211
	14:45	1.73	1200
	15:00	1.72	1194
	15:15	1.74	1204

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	15:30	1.69	1174
	15:45	1.72	1196
	16:00	1.69	1172
	16:15	1.72	1193
	16:30	1.78	1236
	16:45	1.73	1197
	17:00	1.71	1189
	17:15	1.73	1202
	17:30	1.7	1179
	17:45	1.74	1204
	18:00	1.72	1190
	18:15	1.75	1213
	18:30	1.73	1199
	18:45	1.71	1186
	19:00	1.74	1204
	19:15	1.73	1203
	19:30	1.76	1224
	19:45	1.74	1206
	20:00	1.75	1217
	20:15	1.75	1212
	20:30	1.75	1211
	20:45	1.76	1219
	21:00	1.71	1188
	21:15	1.72	1195
	21:30	1.74	1210
	21:45	1.73	1201
	22:00	1.75	1216
	22:15	1.74	1205
	22:30	1.72	1192
	22:45	1.74	1209
	23:00	1.75	1215
	23:15	1.74	1209
	23:30	1.74	1204
	23:45	1.75	1215
3/2/2014	0:00	1.75	1215
	0:15	1.74	1205
	0:30	1.75	1215
	0:45	1.75	1217

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	1:00	1.73	1203
	1:15	1.73	1199
	1:30	1.73	1203
	1:45	1.73	1201
	2:00	1.75	1212
	2:15	1.74	1210
	2:30	1.74	1204
	2:45	1.72	1196
	3:00	1.73	1201
	3:15	1.74	1207
	3:30	1.72	1196
	3:45	1.73	1200
	4:00	1.71	1188
	4:15	1.73	1203
	4:30	1.74	1207
	4:45	1.73	1197
	5:00	1.73	1199
	5:15	1.72	1195
	5:30	1.73	1200
	5:45	1.75	1212
	6:00	1.75	1215
	6:15	1.74	1208
	6:30	1.73	1199
	6:45	1.74	1205
	7:00	1.75	1212
	7:15	1.74	1209
	7:30	1.74	1208
	7:45	1.73	1199
	8:00	1.74	1210
	8:15	1.72	1195
	8:30	1.74	1209
	8:45	1.74	1208
	9:00	1.72	1190
	9:15	1.74	1207
	9:30	1.73	1199
	9:45	1.74	1206
	10:00	1.74	1204
	10:15	1.75	1212

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	10:30	1.72	1192
	10:45	1.75	1217
	11:00	1.73	1203
	11:15	1.75	1215
	11:30	1.74	1210
	11:45	1.75	1217
	12:00	1.74	1210
	12:15	1.74	1208
	12:30	1.74	1205
	12:45	1.74	1209
	13:00	1.74	1205
	13:15	1.74	1205
	13:30	1.73	1203
	13:45	1.73	1202
	14:00	1.73	1201
	14:15	1.74	1205
	14:30	1.74	1208
	14:45	1.74	1206
	15:00	1.74	1208
	15:15	1.75	1213
	15:30	1.73	1202
	15:45	1.75	1217
	16:00	1.74	1209
	16:15	1.75	1213
	16:30	1.76	1219
	16:45	1.72	1194
	17:00	1.73	1201
	17:15	1.75	1213
	17:30	1.73	1203
	17:45	1.75	1213
	18:00	1.76	1218
	18:15	1.73	1203
	18:30	1.74	1205
	18:45	1.73	1197
	19:00	1.74	1210
	19:15	1.77	1226
	19:30	1.76	1219
	19:45	1.73	1201

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	20:00	1.76	1220
	20:15	1.75	1213
	20:30	1.74	1204
	20:45	1.74	1210
	21:00	1.75	1211
	21:15	1.75	1217
	21:30	1.73	1203
	21:45	1.76	1222
	22:00	1.74	1208
	22:15	1.75	1215
	22:30	1.74	1204
	22:45	1.76	1220
	23:00	1.76	1220
	23:15	1.76	1218
	23:30	1.74	1205
	23:45	1.73	1202
3/3/2014	0:00	1.75	1215
	0:15	1.75	1213
	0:30	1.78	1235
	0:45	1.75	1217
	1:00	1.73	1203
	1:15	1.75	1213
	1:30	1.75	1212
	1:45	1.75	1215
	2:00	1.74	1205
	2:15	1.77	1228
	2:30	1.75	1211
	2:45	1.74	1209
	3:00	1.76	1222
	3:15	1.76	1221
	3:30	1.78	1232
	3:45	1.76	1219
	4:00	1.75	1212
	4:15	1.76	1219
	4:30	1.76	1220
	4:45	1.75	1217
	5:00	1.77	1225
	5:15	1.75	1211

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	5:30	1.79	1244
	5:45	1.75	1217
	6:00	1.77	1230
	6:15	1.75	1217
	6:30	1.76	1223
	6:45	1.74	1208
	7:00	1.78	1237
	7:15	1.74	1205
	7:30	1.75	1211
	7:45	1.75	1212
	8:00	1.74	1208
	8:15	1.75	1213
	8:30	1.77	1227
	8:45	1.76	1218
	9:00	1.77	1225
	9:15	1.75	1212
	9:30	1.75	1211
	9:45	1.76	1221
	10:00	1.74	1205
	10:15	1.75	1211
	10:30	1.73	1199
	10:45	1.75	1213
	11:00	1.73	1201
	11:15	1.75	1214
	11:30	1.75	1216
	11:45	1.75	1213
	12:00	1.75	1217
	12:15	1.72	1193
	12:30	1.74	1205
	12:45	1.75	1211
	13:00	1.73	1198
	13:15	1.73	1202
	13:30	1.74	1205
	13:45	1.74	1205
	14:00	1.75	1213
	14:15	1.72	1193
	14:30	1.75	1217
	14:45	1.73	1203

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	15:00	1.74	1209
	15:15	1.72	1195
	15:30	1.73	1197
	15:45	1.74	1209
	16:00	1.74	1208
	16:15	1.74	1204
	16:30	1.72	1196
	16:45	1.77	1225
	17:00	1.74	1209
	17:15	1.74	1208
	17:30	1.74	1204
	17:45	1.75	1216
	18:00	1.74	1206
	18:15	1.74	1208
	18:30	1.76	1224
	18:45	1.75	1212
	19:00	1.74	1208
	19:15	1.76	1223
	19:30	1.74	1210
	19:45	1.75	1211
	20:00	1.76	1223
	20:15	1.76	1218
	20:30	1.73	1201
	20:45	1.74	1208
	21:00	1.74	1205
	21:15	1.74	1208
	21:30	1.74	1208
	21:45	1.75	1217
	22:00	1.76	1218
	22:15	1.74	1205
	22:30	1.74	1205
	22:45	1.74	1205
	23:00	1.78	1237
	23:15	1.76	1223
	23:30	1.78	1232
	23:45	1.74	1206
3/4/2014	0:00	1.76	1221
	0:15	1.78	1237

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	0:30	1.78	1233
	0:45	1.77	1225
	1:00	1.75	1217
	1:15	1.75	1211
	1:30	1.72	1194
	1:45	1.78	1237
	2:00	1.75	1212
	2:15	1.78	1237
	2:30	1.76	1223
	2:45	1.75	1216
	3:00	1.78	1237
	3:15	1.77	1225
	3:30	1.76	1218
	3:45	1.72	1193
	4:00	1.71	1185
	4:15	1.76	1221
	4:30	1.78	1233
	4:45	1.77	1225
	5:00	1.74	1209
	5:15	1.76	1218
	5:30	1.79	1244
	5:45	1.78	1233
	6:00	1.74	1208
	6:15	1.79	1239
	6:30	1.77	1230
	6:45	1.74	1208
	7:00	1.72	1196
	7:15	1.77	1227
	7:30	1.77	1231
	7:45	1.76	1221
	8:00	1.75	1217
	8:15	1.72	1196
	8:30	1.75	1215
	8:45	1.78	1235
	9:00	1.78	1237
	9:15	1.76	1220
	9:30	1.77	1225
	9:45	1.73	1203

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	10:00	1.77	1225
	10:15	1.78	1236
	10:30	1.76	1220
	10:45	1.73	1197
	11:00	1.74	1208
	11:15	1.76	1224
	11:30	1.76	1221
	11:45	1.73	1203
	12:00	1.73	1197
	12:15	1.74	1209
	12:30	1.71	1186
	12:45	1.76	1219
	13:00	1.77	1225
	13:15	1.75	1215
	13:30	1.72	1195
	13:45	1.77	1225
	14:00	1.76	1219
	14:15	1.75	1217
	14:30	1.76	1218
	14:45	1.76	1221
	15:00	1.75	1211
	15:15	1.74	1210
	15:30	1.76	1224
	15:45	1.73	1203
	16:00	1.74	1208
	16:15	1.73	1203
	16:30	1.75	1216
	16:45	1.79	1244
	17:00	1.74	1210
	17:15	1.76	1221
	17:30	1.72	1193
	17:45	1.75	1212
	18:00	1.75	1212
	18:15	1.75	1216
	18:30	1.73	1203
	18:45	1.72	1195
	19:00	1.7	1183
	19:15	1.75	1213

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	19:30	1.73	1203
	19:45	1.73	1201
	20:00	1.7	1183
	20:15	1.71	1186
	20:30	1.74	1209
	20:45	1.74	1205
	21:00	1.7	1183
	21:15	1.75	1217
	21:30	1.78	1236
	21:45	1.74	1206
	22:00	1.72	1195
	22:15	1.75	1217
	22:30	1.7	1183
	22:45	1.74	1209
	23:00	1.74	1210
	23:15	1.76	1219
	23:30	1.73	1203
	23:45	1.73	1201
3/5/2014	0:00	1.77	1227
	0:15	1.75	1215
	0:30	1.73	1197
	0:45	1.74	1204
	1:00	1.73	1199
	1:15	1.74	1204
	1:30	1.73	1201
	1:45	1.7	1177
	2:00	1.77	1226
	2:15	1.73	1202
	2:30	1.73	1198
	2:45	1.71	1184
	3:00	1.72	1196
	3:15	1.7	1181
	3:30	1.76	1222
	3:45	1.74	1208
	4:00	1.73	1201
	4:15	1.76	1218
	4:30	1.75	1216
	4:45	1.76	1220

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	5:00	1.74	1208
	5:15	1.76	1224
	5:30	1.76	1219
	5:45	1.76	1224
	6:00	1.71	1183
	6:15	1.72	1196
	6:30	1.75	1212
	6:45	1.72	1193
	7:00	1.72	1195
	7:15	1.75	1217
	7:30	1.74	1205
	7:45	1.72	1193
	8:00	1.75	1214
	8:15	1.74	1204
	8:30	1.74	1210
	8:45	1.77	1228
	9:00	1.75	1211
	9:15	1.74	1206
	9:30	1.75	1211
	9:45	1.74	1205
	10:00	1.75	1217
	10:15	1.72	1190
	10:30	1.72	1190
	10:45	1.72	1190
	11:00	1.73	1203
	11:15	1.72	1193
	11:30	1.74	1205
	11:45	1.71	1183
	12:00	1.73	1203
	12:15	1.73	1199
	12:30	1.71	1185
	12:45	1.72	1196
	13:00	1.72	1194
	13:15	1.72	1195
	13:30	1.69	1172
	13:45	1.73	1202
	14:00	1.72	1192
	14:15	1.72	1195

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	14:30	1.77	1225
	14:45	1.74	1208
	15:00	1.73	1197
	15:15	1.72	1193
	15:30	1.75	1213
	15:45	1.76	1220
	16:00	1.72	1190
	16:15	1.74	1206
	16:30	1.74	1209
	16:45	1.73	1202
	17:00	1.77	1230
	17:15	1.73	1200
	17:30	1.72	1190
	17:45	1.73	1201
	18:00	1.73	1203
	18:15	1.72	1196
	18:30	1.72	1195
	18:45	1.74	1205
	19:00	1.74	1208
	19:15	1.72	1190
	19:30	1.71	1188
	19:45	1.71	1188
	20:00	1.73	1197
	20:15	1.7	1179
	20:30	1.72	1192
	20:45	1.69	1174
	21:00	1.73	1197
	21:15	1.72	1195
	21:30	1.74	1205
	21:45	1.72	1195
	22:00	1.73	1199
	22:15	1.73	1201
	22:30	1.7	1179
	22:45	1.72	1196
	23:00	1.71	1190
	23:15	1.73	1197
	23:30	1.72	1192
	23:45	1.71	1190

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
3/6/2014	0:00	1.74	1208
	0:15	1.7	1179
	0:30	1.73	1202
	0:45	1.72	1191
	1:00	1.72	1194
	1:15	1.72	1190
	1:30	1.7	1180
	1:45	1.73	1198
	2:00	1.7	1179
	2:15	1.73	1197
	2:30	1.73	1202
	2:45	1.69	1170
	3:00	1.71	1187
	3:15	1.72	1193
	3:30	1.72	1196
	3:45	1.75	1217
	4:00	1.73	1200
	4:15	1.75	1217
	4:30	1.73	1202
	4:45	1.73	1199
	5:00	1.72	1192
	5:15	1.7	1179
	5:30	1.71	1185
	5:45	1.73	1201
	6:00	1.75	1211
	6:15	1.74	1204
	6:30	1.73	1201
	6:45	1.73	1197
	7:00	1.71	1190
	7:15	1.74	1206
	7:30	1.72	1190
	7:45	1.71	1188
	8:00	1.73	1199
	8:15	1.71	1190
	8:30	1.74	1205
	8:45	1.73	1199
	9:00	1.72	1192
	9:15	1.72	1190

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	9:30	1.71	1187
	9:45	1.71	1190
	10:00	1.71	1185
	10:15	1.72	1196
	10:30	1.7	1183
	10:45	1.72	1193
	11:00	1.73	1199
	11:15	1.73	1202
	11:30	1.7	1180
	11:45	1.71	1184
	12:00	1.71	1188
	12:15	1.74	1205
	12:30	1.73	1200
	12:45	1.73	1198
	13:00	1.72	1193
	13:15	1.73	1203
	13:30	1.73	1202
	13:45	1.73	1199
	14:00	1.72	1195
	14:15	1.73	1201
	14:30	1.72	1196
	14:45	1.74	1210
	15:00	1.72	1195
	15:15	1.72	1192
	15:30	1.74	1207
	15:45	1.72	1195
	16:00	1.71	1185
	16:15	1.73	1203
	16:30	1.71	1190
	16:45	1.74	1205
	17:00	1.7	1179
	17:15	1.73	1197
	17:30	1.73	1200
	17:45	1.73	1201
	18:00	1.73	1197
	18:15	1.72	1193
	18:30	1.72	1196
	18:45	1.73	1197

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	19:00	1.72	1193
	19:15	1.72	1192
	19:30	1.72	1195
	19:45	1.72	1192
	20:00	1.72	1194
	20:15	1.73	1203
	20:30	1.71	1190
	20:45	1.74	1205
	21:00	1.71	1190
	21:15	1.7	1178
	21:30	1.7	1179
	21:45	1.75	1213
	22:00	1.72	1192
	22:15	1.74	1210
	22:30	1.74	1204
	22:45	1.73	1202
	23:00	1.72	1193
	23:15	1.7	1180
	23:30	1.76	1220
	23:45	1.72	1196
3/7/2014	0:00	1.72	1194
	0:15	1.73	1201
	0:30	1.73	1201
	0:45	1.75	1212
	1:00	1.73	1199
	1:15	1.75	1211
	1:30	1.72	1193
	1:45	1.76	1219
	2:00	1.74	1210
	2:15	1.74	1206
	2:30	1.74	1204
	2:45	1.71	1186
	3:00	1.73	1198
	3:15	1.75	1211
	3:30	1.73	1201
	3:45	1.72	1196
	4:00	1.71	1190
	4:15	1.73	1199

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	4:30	1.7	1176
	4:45	1.72	1194
	5:00	1.72	1193
	5:15	1.72	1196
	5:30	1.71	1189
	5:45	1.71	1187
	6:00	1.7	1183
	6:15	1.74	1209
	6:30	1.71	1190
	6:45	1.71	1185
	7:00	1.71	1189
	7:15	1.72	1193
	7:30	1.74	1209
	7:45	1.72	1195
	8:00	1.73	1200
	8:15	1.69	1174
	8:30	1.7	1183
	8:45	1.74	1205
	9:00	1.72	1196
	9:15	1.7	1180
	9:30	1.74	1204
	9:45	1.73	1197
	10:00	1.72	1194
	10:15	1.71	1183
	10:30	1.72	1194
	10:45	1.71	1186
	11:00	1.73	1201
	11:15	1.71	1188
	11:30	1.71	1186
	11:45	1.72	1192
	12:00	1.69	1176
	12:15	1.73	1201
	12:30	1.71	1188
	12:45	1.73	1199
	13:00	1.7	1180
	13:15	1.71	1187
	13:30	1.71	1183
	13:45	1.73	1203

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	14:00	1.7	1183
	14:15	1.7	1178
	14:30	1.71	1186
	14:45	1.73	1197
	15:00	1.69	1176
	15:15	1.7	1183
	15:30	1.71	1184
	15:45	1.73	1202
	16:00	1.71	1190
	16:15	1.71	1187
	16:30	1.76	1220
	16:45	1.72	1196
	17:00	1.73	1201
	17:15	1.71	1186
	17:30	1.74	1208
	17:45	1.69	1175
	18:00	1.7	1179
	18:15	1.7	1181
	18:30	1.7	1177
	18:45	1.72	1194
	19:00	1.72	1196
	19:15	1.7	1181
	19:30	1.71	1185
	19:45	1.72	1196
	20:00	1.71	1190
	20:15	1.72	1193
	20:30	1.72	1192
	20:45	1.72	1193
	21:00	1.72	1195
	21:15	1.72	1196
	21:30	1.72	1196
	21:45	1.71	1185
	22:00	1.72	1190
	22:15	1.72	1191
	22:30	1.73	1199
	22:45	1.71	1189
	23:00	1.73	1197
	23:15	1.72	1196

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	23:30	1.72	1191
	23:45	1.72	1194
3/8/2014	0:00	1.72	1196
	0:15	1.72	1192
	0:30	1.72	1191
	0:45	1.71	1190
	1:00	1.72	1192
	1:15	1.72	1191
	1:30	1.72	1192
	1:45	1.71	1187
	2:00	1.72	1193
	2:15	1.72	1194
	2:30	1.72	1191
	2:45	1.71	1186
	3:00	1.72	1192
	3:15	1.72	1195
	3:30	1.71	1188
	3:45	1.71	1188
	4:00	1.72	1191
	4:15	1.72	1196
	4:30	1.7	1179
	4:45	1.7	1180
	5:00	1.7	1177
	5:15	1.72	1192
	5:30	1.72	1194
	5:45	1.71	1187
	6:00	1.72	1196
	6:15	1.72	1192
	6:30	1.72	1193
	6:45	1.71	1184
	7:00	1.73	1198
	7:15	1.71	1190
	7:30	1.72	1190
	7:45	1.72	1195
	8:00	1.72	1196
	8:15	1.72	1192
	8:30	1.72	1193
	8:45	1.73	1197

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	9:00	1.71	1185
	9:15	1.71	1186
	9:30	1.71	1189
	9:45	1.72	1192
	10:00	1.71	1188
	10:15	1.72	1194
	10:30	1.72	1193
	10:45	1.72	1193
	11:00	1.72	1190
	11:15	1.71	1188
	11:30	1.72	1192
	11:45	1.72	1190
	12:00	1.72	1196
	12:15	1.72	1196
	12:30	1.72	1195
	12:45	1.72	1193
	13:00	1.7	1183
	13:15	1.72	1192
	13:30	1.72	1192
	13:45	1.71	1190
	14:00	1.73	1197
	14:15	1.71	1189
	14:30	1.72	1192
	14:45	1.71	1190
	15:00	1.72	1196
	15:15	1.71	1185
	15:30	1.73	1199
	15:45	1.72	1195
	16:00	1.72	1194
	16:15	1.71	1188
	16:30	1.71	1188
	16:45	1.71	1188
	17:00	1.72	1192
	17:15	1.71	1188
	17:30	1.71	1187
	17:45	1.71	1190
	18:00	1.71	1190
	18:15	1.71	1186

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	18:30	1.71	1190
	18:45	1.72	1190
	19:00	1.72	1192
	19:15	1.71	1187
	19:30	1.72	1193
	19:45	1.72	1192
	20:00	1.72	1193
	20:15	1.71	1190
	20:30	1.73	1197
	20:45	1.72	1192
	21:00	1.71	1188
	21:15	1.7	1183
	21:30	1.72	1192
	21:45	1.72	1192
	22:00	1.71	1190
	22:15	1.71	1187
	22:30	1.72	1194
	22:45	1.72	1190
	23:00	1.71	1190
	23:15	1.72	1195
	23:30	1.71	1190
	23:45	1.71	1187
3/9/2014	0:00	1.71	1190
	0:15	1.71	1187
	0:30	1.71	1185
	0:45	1.71	1188
	1:00	1.72	1193
	1:15	1.72	1191
	1:30	1.71	1186
	1:45	1.71	1188
	2:00	1.7	1183
	2:15	1.72	1192
	2:30	1.72	1190
	2:45	1.71	1189
	3:00	1.72	1192
	3:15	1.71	1189
	3:30	1.71	1184
	3:45	1.71	1187

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	4:00	1.72	1194
	4:15	1.71	1186
	4:30	1.73	1200
	4:45	1.72	1192
	5:00	1.72	1194
	5:15	1.71	1190
	5:30	1.71	1190
	5:45	1.71	1187
	6:00	1.71	1187
	6:15	1.69	1176
	6:30	1.71	1186
	6:45	1.71	1187
	7:00	1.72	1194
	7:15	1.71	1187
	7:30	1.71	1185
	7:45	1.72	1193
	8:00	1.72	1193
	8:15	1.71	1190
	8:30	1.71	1187
	8:45	1.71	1187
	9:00	1.71	1187
	9:15	1.7	1183
	9:30	1.71	1185
	9:45	1.71	1186
	10:00	1.71	1185
	10:15	1.71	1185
	10:30	1.71	1186
	10:45	1.71	1184
	11:00	1.7	1183
	11:15	1.7	1179
	11:30	1.71	1186
	11:45	1.7	1183
	12:00	1.7	1180
	12:15	1.71	1186
	12:30	1.7	1180
	12:45	1.71	1183
	13:00	1.7	1180
	13:15	1.7	1181

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	13:30	1.7	1181
	13:45	1.7	1181
	14:00	1.7	1181
	14:15	1.7	1181
	14:30	1.7	1183
	14:45	1.7	1177
	15:00	1.7	1179
	15:15	1.71	1183
	15:30	1.71	1185
	15:45	1.71	1190
	16:00	1.71	1185
	16:15	1.7	1182
	16:30	1.7	1177
	16:45	1.69	1174
	17:00	1.69	1170
	17:15	1.69	1170
	17:30	1.68	1165
	17:45	1.68	1165
	18:00	1.68	1165
	18:15	1.67	1158
	18:30	1.67	1158
	18:45	1.67	1159
	19:00	1.67	1156
	19:15	1.66	1153
	19:30	1.67	1157
	19:45	1.67	1160
	20:00	1.68	1168
	20:15	1.67	1160
	20:30	1.67	1156
	20:45	1.67	1158
	21:00	1.68	1163
	21:15	1.67	1158
	21:30	1.67	1161
	21:45	1.68	1163
	22:00	1.67	1162
	22:15	1.67	1161
	22:30	1.68	1163
	22:45	1.67	1160

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	23:00	1.67	1161
	23:15	1.67	1156
	23:30	1.67	1156
	23:45	1.67	1158
3/10/2014	0:00	1.67	1161
	0:15	1.68	1164
	0:30	1.67	1160
	0:45	1.68	1165
	1:00	1.68	1165
	1:15	1.69	1169
	1:30	1.69	1172
	1:45	1.68	1165
	2:00	1.68	1165
	2:15	1.68	1165
	2:30	1.67	1161
	2:45	1.69	1169
	3:00	1.68	1163
	3:15	1.69	1170
	3:30	1.68	1165
	3:45	1.68	1169
	4:00	1.68	1166
	4:15	1.69	1174
	4:30	1.69	1174
	4:45	1.69	1170
	5:00	1.68	1169
	5:15	1.69	1170
	5:30	1.69	1171
	5:45	1.69	1169
	6:00	1.68	1165
	6:15	1.68	1168
	6:30	1.69	1171
	6:45	1.68	1167
	7:00	1.68	1168
	7:15	1.68	1163
	7:30	1.68	1165
	7:45	1.68	1168
	8:00	1.69	1171
	8:15	1.69	1171

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	8:30	1.68	1165
	8:45	1.67	1161
	9:00	1.69	1170
	9:15	1.68	1167
	9:30	1.68	1169
	9:45	1.69	1172
	10:00	1.67	1161
	10:15	1.69	1172
	10:30	1.69	1171
	10:45	1.68	1169
	11:00	1.68	1167
	11:15	1.7	1178
	11:30	1.68	1167
	11:45	1.69	1169
	12:00	1.68	1166
	12:15	1.69	1171
	12:30	1.69	1170
	12:45	1.68	1168
	13:00	1.68	1167
	13:15	1.69	1170
	13:30	1.68	1167
	13:45	1.68	1163
	14:00	1.68	1163
	14:15	1.69	1171
	14:30	1.7	1179
	14:45	1.68	1169
	15:00	1.68	1168
	15:15	1.67	1159
	15:30	1.68	1169
	15:45	1.68	1162
	16:00	1.67	1158
	16:15	1.67	1160
	16:30	1.67	1161
	16:45	1.67	1160
	17:00	1.68	1167
	17:15	1.67	1161
	17:30	1.68	1169
	17:45	1.67	1161

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	18:00	1.67	1161
	18:15	1.68	1167
	18:30	1.67	1162
	18:45	1.67	1160
	19:00	1.68	1163
	19:15	1.68	1164
	19:30	1.68	1165
	19:45	1.68	1169
	20:00	1.69	1174
	20:15	1.69	1171
	20:30	1.68	1165
	20:45	1.68	1168
	21:00	1.68	1167
	21:15	1.69	1172
	21:30	1.69	1170
	21:45	1.68	1165
	22:00	1.68	1169
	22:15	1.68	1167
	22:30	1.69	1171
	22:45	1.68	1167
	23:00	1.68	1169
	23:15	1.68	1167
	23:30	1.68	1169
	23:45	1.68	1167
3/11/2014	0:00	1.68	1169
	0:15	1.69	1170
	0:30	1.67	1161
	0:45	1.68	1167
	1:00	1.68	1167
	1:15	1.68	1167
	1:30	1.68	1163
	1:45	1.68	1167
	2:00	1.68	1165
	2:15	1.68	1163
	2:30	1.68	1169
	2:45	1.67	1162
	3:00	1.68	1167
	3:15	1.68	1168

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

15 minute data

Date	Time	TCEQ-22J	
		Flow (MGD)	Flow (gpm)
	3:30	1.68	1165
	3:45	1.68	1167
	4:00	1.68	1165
	4:15	1.68	1165
	4:30	1.69	1172
	4:45	1.68	1169
	5:00	1.69	1170
	5:15	1.68	1169
	5:30	1.69	1170
	5:45	1.69	1174
	6:00	1.69	1174
	6:15	1.69	1171
	6:30	1.69	1176
	6:45	1.69	1171
	7:00	1.69	1170
	7:15	1.69	1173
	7:30	1.69	1169
	7:45	1.69	1174
	8:00	1.69	1169
	8:15	1.69	1174
	8:30	1.7	1177
	8:45	1.69	1171
	9:00	1.7	1177
	9:15	1.69	1171
	9:30	1.7	1183
	9:45	1.7	1178
	10:00	1.71	1185
	10:15	1.7	1178
	10:30	1.7	1177
	10:45	1.7	1183
	11:00	1.7	1179
	11:15	1.69	1176
	11:30	1.7	1179
	11:45	1.7	1182

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
1/27/2014	2:00	0.83	6.9	16.6
	6:00	2	6.6	8.8
	10:00	2.8	7.1	9.7
	14:00	8.3	6.7	10.2
	18:00	5.9	6.6	11.7
	22:00	2.8	6.8	9.6
1/28/2014	2:00	2.1	6.5	10.5
	6:00	1.7	6.5	9.3
	10:00	2.5	6.2	8.8
	14:00	2.2	6.4	11.5
	18:00	2.7	6.8	10.8
	22:00	2.4	6.5	10.5
1/29/2014	2:00	2	6.5	10.1
	6:00	1.8	6.5	9.3
	10:00	1.6	6.7	8.5
	14:00	2.5	6.3	13.2
	18:00	2.5	6.6	11.6
	22:00	1.9	6.5	10.8
1/30/2014	2:00	1.2	6.5	11.3
	6:00	1	6.5	11.5
	10:00	12.7	6.8	7.7
	14:00	1.4	6.9	13.5
	18:00	0.9	6.2	12.3
	22:00	0.7	6.5	11.8
1/31/2014	2:00	0.53	6.3	11.9
	6:00	0.61	6.4	11.5
	10:00	0.39	6.2	12.4
	14:00	0.37	6.4	13.7
	18:00	0.41	6.9	14.1
	22:00	0.29	6.2	14.2
2/1/2014	2:00	0.23	6.3	12.7
	6:00	0.23	6.4	11.4
	10:00	0.2	6.7	10.9
	14:00	0.23	6.6	10.9
	18:00	0.27	6.5	13.6
	22:00	0.24	6.3	11.6

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
2/2/2014	2:00	0.13	6.6	11.1
	6:00	0.54	6.6	9.8
	10:00	0.72	6.4	15
	14:00	0.79	6.8	15
	18:00	0.75	6.3	14.3
	22:00	0.84	6.6	11.2
2/3/2014	2:00	1.6	6.3	9.9
	6:00	1.3	6.4	9.3
	10:00	1.1	5.9	9.9
	14:00	1.8	6	10.1
	18:00	1.1	6.1	11.3
	22:00	1.9	6	12
2/4/2014	2:00	0.75	6.4	10.1
	6:00	0.68	6.5	10.9
	10:00	0.61	6.8	10.7
	14:00	0.5	7.3	10.3
	18:00	0.57	6.1	11.3
	22:00	0.34	6.2	10.9
2/5/2014	2:00	0.45	6.4	10.8
	6:00	0.47	6.6	9.1
	10:00	2.1	7.2	6.5
	14:00	1	7.7	7.7
	18:00	1.4	7.1	6.7
	22:00	1.5	6.7	8.3
2/6/2014	2:00	1.2	6.7	7.8
	6:00	1.1	6.9	7.3
	10:00	2	6.9	6.5
	14:00	1.3	6.9	6.7
	18:00	1.5	7.6	6.3
	22:00	2	6.6	8.9
2/7/2014	2:00	1.5	6.5	10.1
	6:00	0.99	6.7	8.2
	10:00	2.3	6.7	7.5
	14:00	1.4	6.9	9
	18:00	1.3	5.9	8.9
	22:00	1.4	6.4	8.8

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
2/8/2014	2:00	0.95	6.3	8.5
	6:00	0.85	6.4	8.7
	10:00	1	6.7	8.9
	14:00	1.2	6.5	10.7
	18:00	1.2	6.1	13.1
	22:00	1.4	6.7	10.9
2/9/2014	2:00	0.91	6.4	10.9
	6:00	1.1	6.4	10.5
	10:00	0.67	6.4	11.5
	14:00	0.56	6.1	11.9
	18:00	0.69	6.5	12.1
	22:00	0.47	6.8	10.2
2/10/2014	2:00	0.84	6.4	8.5
	6:00	0.74	6.5	8.3
	10:00	0.66	5.9	8.6
	14:00	1.2	6.3	7
	18:00	1.6	6.3	10
	22:00	1.7	6.3	11.7
2/11/2014	2:00	1.9	5.6	7.8
	6:00	1.3	5.3	8.4
	10:00	1.2	5.1	7.9
	14:00	1.8	5.5	9.1
	18:00	1.6	5.7	9.2
	22:00	1.5	5.6	9.1
2/12/2014	2:00	1.6	6.3	9.7
	6:00	1.2	6.2	9.5
	10:00	1.2	6.6	9.5
	14:00	1.3	6.1	11.1
	18:00	1.3	6.6	12.3
	22:00	1.3	6.3	11.5
2/13/2014	2:00	0.8	6.3	10.6
	6:00	0.62	6.2	10.1
	10:00	0.57	6.5	10.7
	14:00	0.62	6.2	12.8
	18:00	0.55	6.2	14.1
	22:00	0.62	6.3	13.2

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
2/14/2014	2:00	0.36	6.2	12.4
	6:00	0.29	6.1	12.3
	10:00	0.44	6.3	13.2
	14:00	0.52	6.7	14.9
	18:00	0.53	6.5	14.9
	22:00	0.56	6.4	14.1
2/15/2014	2:00	0.32	6.3	13.5
	6:00	0.41	6.3	13
	10:00	0.32	6.4	12.9
	14:00	0.5	7	15.7
	18:00	0.59	6.2	16.8
	22:00	0.67	6.2	15.2
2/16/2014	2:00	0.31	6.4	15.1
	6:00	0.3	6.3	13.2
	10:00	0.31	6.5	15.4
	14:00	0.29	6.5	18.5
	18:00	0.32	6.4	16.6
	22:00	0.3	6.5	16
2/17/2014	2:00	0.43	6.4	15.8
	6:00	0.42	6	15.6
	10:00	0.31	6	18.2
	14:00	0.44	6.5	16.4
	18:00	0.48	6.8	18
	22:00	0.38	6.4	16.7
2/18/2014	2:00	0.86	6.6	15.8
	6:00	0.4	6.2	15.7
	10:00	0.4	6.3	18.1
	14:00	1.3	6.7	19.1
	18:00	0.75	6.8	18
	22:00	0.67	6.6	17.2
2/19/2014	2:00	0.65	5.8	16.4
	6:00	0.8	6.6	16.7
	10:00	0.6	6.7	16.7
	14:00	0.64	6.5	19.1
	18:00	0.97	6.5	18.3
	22:00	1	6.2	17.8

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
2/20/2014	2:00	1.3	6.4	18
	6:00	1.5	6.4	18.2
	10:00	4.1	6.4	17.2
	14:00	2.3	6.9	18.7
	18:00	1.6	6.5	17.1
	22:00	1.5	6.3	16.5
2/21/2014	2:00	1.3	6.5	16.1
	6:00	1.2	6.5	14.2
	10:00	0.92	6.5	14.6
	14:00	0.87	6.3	18.7
	18:00	0.93	6.1	17.6
	22:00	1	6.2	16.1
2/22/2014	2:00	0.79	6.3	16.8
	6:00	0.63	6.3	15.6
	10:00	0.83	6.4	16.2
	14:00	0.83	6.6	18.9
	18:00	0.74	6.2	17.6
	22:00	0.79	6.1	16.5
2/23/2014	2:00	0.64	6.2	17.5
	6:00	0.61	6.2	16
	10:00	0.9	6.3	16.3
	14:00	0.86	6.3	17.9
	18:00	0.88	6.2	16.7
	22:00	0.66	6.1	15.8
2/24/2014	2:00	0.61	5.6	15.7
	6:00	0.53	5.8	15.2
	10:00	0.47	6.2	14.3
	14:00	0.5	6.1	15.7
	18:00	0.47	6	17
	22:00	0.42	6.1	16.2
2/25/2014	2:00	0.47	6.4	15.1
	6:00	0.51	5.9	14.8
	10:00	0.68	6.4	14.7
	14:00	0.72	6.6	14.2
	18:00	0.62	6.1	13.7
	22:00	0.57	6.1	13.4

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
2/26/2014	2:00	1.2	6.5	13
	6:00	0.84	6.6	11.5
	10:00	2.3	7	9.4
	14:00	2.6	7.1	12.7
	18:00	3.4	6.6	12.5
	22:00	2.2	6.6	12.5
2/27/2014	2:00	2.6	6.7	12.2
	6:00	1.4	6.2	11.3
	10:00	2	5.9	14.1
	14:00	1.4	6.2	15.7
	18:00	1.6	6.2	14.5
	22:00	1.4	6.3	13.1
2/28/2014	2:00	2	6.5	13.8
	6:00	1.8	6.5	13.1
	10:00	3.3	6.5	14.9
	14:00	3.3	6.7	18.7
	18:00	1.9	6.2	16.7
	22:00	1.5	6.2	15.5
3/1/2014	2:00	1.1	6.5	16
	6:00	1	6.4	15.5
	10:00	1.1	6.7	14.3
	14:00	1	6.4	17.9
	18:00	1.4	6.6	16.4
	22:00	2.2	6.7	14.4
3/2/2014	2:00	3.7	7	13.1
	6:00	4.1	7	10.2
	10:00	4.6	6.8	10.7
	14:00	6	6.6	9.9
	18:00	11	6.9	11.5
	22:00	9.4	6.6	10.3
3/3/2014	2:00	9	6.7	9.9
	6:00	8.8	6.6	9.2
	10:00	11.5	6.7	7.8
	14:00	9.6	6.5	9.8
	18:00	8	6.5	12.5
	22:00	6.7	6.4	12.8

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
3/4/2014	2:00	4.7	6.3	10.2
	6:00	4	6.3	8.3
	10:00	3.9	6.1	10.7
	14:00	3.4	6.3	13.9
	18:00	2.9	6.1	12.8
	22:00	3.3	6.1	11.3
3/5/2014	2:00	3	6.3	13.2
	6:00	3.3	6.5	11.5
	10:00	2.3	6.1	12.5
	14:00	1.9	6.2	12.7
	18:00	2.3	6	12.9
	22:00	2.1	6.2	11.8
3/6/2014	2:00	2.8	6.4	13
	6:00	2.1	6.3	11.7
	10:00	2.3	6.3	13.7
	14:00	2.1	6.5	15.2
	18:00	1.9	6.2	14.5
	22:00	1.7	6.2	13.4
3/7/2014	2:00	1.8	6	14.4
	6:00	1.8	6.2	12.6
	10:00	2.3	6.1	16.1
	14:00	2.3	6.2	18
	18:00	2.5	6	18.2
	22:00	2.4	6.1	16
3/8/2014	2:00	2.6	6.2	16.5
	6:00	4.2	6.4	14
	10:00	3.2	6.5	14.3
	14:00	3	6.4	13.3
	18:00	3.1	6.2	13.6
	22:00	2.4	6.3	13.3
3/9/2014	2:00	2.2	6.3	13.1
	6:00	2	6.2	12.8
	10:00	1.7	5.9	13.9
	14:00	2.4	6.2	16
	18:00	2.3	6.1	16.5
	22:00	2.2	6.1	15.1

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

4 hour data

Date	Time	TCEQ-22J		
		Turbidity (NTU)	pH	Temperature (°C)
3/10/2014	2:00	2.7	6.1	15.3
	6:00	1.9	6.2	14.1
	10:00	1.9	5.9	16.5
	14:00	2.4	6.1	18.1
	18:00	2.3	6	19.1
	22:00	1.3	6.1	18.1
3/11/2014	2:00	1.2	5.4	16.1
	6:00	1.5	5.8	16.6
	10:00	2.2	6	17.7

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

Daily data

TCEQ-22J		
Date	Nitrate (ppm)	Free ammonia (ppm)
1/27/2014	2.15	0.07
1/28/2014	1.26	0.23
1/29/2014	1.01	0.09
1/30/2014	1.08	0.17
1/31/2014	0.87	0.1
2/1/2014	0.79	0.06
2/2/2014	0.85	0.11
2/3/2014	0.79	0.07
2/4/2014	0.93	0.08
2/5/2014	0.94	0.07
2/6/2014	0.81	0.09
2/7/2014	1	0.11
2/8/2014	0.84	0.05
2/9/2014	0.86	0.28
2/10/2014	0.87	0.12
2/11/2014	0.91	0.1
2/12/2014	0.8	0.07
2/13/2014	0.8	0.08
2/14/2014	0.77	0.09
2/15/2014	0.76	2.7
2/16/2014	0.91	0.1
2/17/2014	0.89	0.14
2/18/2014	4.05	0.46
2/19/2014	2.6	0.23
2/20/2014	1.4	0.1
2/21/2014	1.03	0.08
2/22/2014	0.97	0
2/23/2014	0.94	0.06
2/24/2014	0.99	0.07
2/25/2014	0.96	0.09
2/26/2014	0.92	0.08
2/27/2014	1.41	0.15
2/28/2014	1.5	0.11
3/1/2014	0.95	0.1
3/2/2014	0.86	0.11

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

Daily data

Date	TCEQ-22J	
	Nitrate (ppm)	Free ammonia (ppm)
3/3/2014	0.78	0.07
3/4/2014	0.8	0.07
3/5/2014	1	0.07
3/6/2014	3	0.07
3/7/2014	0.7	0.1
3/8/2014	0.8	0.44
3/9/2014	3.1	0.75
3/10/2014	1.8	0.68
3/11/2014	1.9	0.18

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary Reservoir source water)

Weekly data

	Date	TCEQ-22J		
		TOC (ppm)	DOC on-site (ppm)	DOC off-site (ppm)
Week 1	1/27/2014			
	1/28/2014			
	1/29/2014	0.22	0	0.5
	1/30/2014			
	1/31/2014			
	2/1/2014			
	2/2/2014			
Week 2	2/3/2014	0.23	0	0.5
	2/4/2014			
	2/5/2014			
	2/6/2014			
	2/7/2014			
	2/8/2014			
	2/9/2014			
Week 3	2/10/2014	0.17	0	0.5
	2/11/2014			
	2/12/2014			
	2/13/2014			
	2/14/2014			
	2/15/2014			
	2/16/2014			
Week 4	2/17/2014	0.17	0.06	<0.5
	2/18/2014			
	2/19/2014			
	2/20/2014			
	2/21/2014			
	2/22/2014			
	2/23/2014			
Week 5	2/24/2014	0.22	0.03	<0.5
	2/25/2014			
	2/26/2014	0.17	0.04	
	2/27/2014			
	2/28/2014			
	3/1/2014			
	3/2/2014			
	3/3/2014			<0.5

TCEQ-22J: Temporary RO Permeate Lagoon Effluent

(at waste Lagoon No. 3 recycle pump station and before blending with Secondary
Reservoir source water)

Weekly data

		TCEQ-22J			
		Date	TOC (ppm)	DOC on-site (ppm)	DOC off-site (ppm)
Week 6	3/4/2014				
	3/5/2014				
	3/6/2014				
	3/7/2014	0.37	0		
	3/8/2014				
	3/9/2014				
Week 7	3/10/2014	0.43	0.18	<0.5	
	3/11/2014	0.21	0.07		

TCEQ-22J Offsite Laboratory Data Summary

750 Royal Oaks Drive, Suite 100
 Monrovia, California 91016-3629
 Tel: (626) 386-1100
 Fax: (626) 386-1101
 1 800 566 LABS (1 800 566 5227)

Laboratory Hits
 Report: 466137

City of Wichita Falls
 Mark Southard
 4801 Big Ed Neal Dr
 Wichita Falls, TX 76310

Samples Received on:
 01/28/2014

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
201401280174 <u>RO Feed</u>						
01/28/2014 21:56	Nitrate as Nitrogen by IC		10	10	mg/L	0.5
01/28/2014 21:56	Nitrate as NO3 (calc)		46	45	mg/L	2.2
01/31/2014 19:59	Silica		6.2		mg/L	5
01/28/2014 21:56	Total Nitrate, Nitrite-N, CALC		10		mg/L	0.1
201401280175 <u>Lagoon Effluent</u>						
01/28/2014 22:09	Nitrate as Nitrogen by IC		1.8	10	mg/L	0.1
01/28/2014 22:09	Nitrate as NO3 (calc)		7.8	45	mg/L	0.44
01/28/2014 22:09	Total Nitrate, Nitrite-N, CALC		1.8		mg/L	0.1

Client Name: City of Wichita Falls

Report #: 311027

Sampling Point: TCEQ 19J-RO Reject

PWS ID: TX2430001

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7429-90-5	Aluminum	200.8	50 ^	2.0	12	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-36-0	Antimony	200.8	6 *	1.0	2.7	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-38-2	Arsenic	200.8	10 *	1.0	9.0	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-39-3	Barium	200.8	2000 *	2.0	88	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-41-7	Beryllium	200.8	4 *	0.3	< 0.3	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-43-9	Cadmium	200.8	5 *	1.0	< 1.0	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-47-3	Chromium	200.8	100 *	0.9	1.8	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-50-8	Copper	200.8	1300 !	1.0	13	ug/L	02/07/14 14:30	02/11/14 12:24	2967450
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7439-96-5	Manganese	200.8	50 ^	2.0	220	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-02-0	Nickel	200.8	---	1.0	22	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7782-49-2	Selenium	200.8	50 *	2.0	16	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-22-4	Silver	200.8	100 ^	2.0	< 2.0	ug/L	02/07/14 14:30	02/11/14 12:24	2967450
7440-28-0	Thallium	200.8	2 *	0.3	< 0.3	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7440-66-6	Zinc	200.8	5000 ^	5.0	100	ug/L	02/07/14 14:30	02/10/14 16:49	2967450
7439-97-6	Mercury	245.1	2 *	0.1	< 0.1	ug/L	02/07/14 09:05	02/07/14 14:00	2967450

Sampling Point: TCEQ 22J-Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	< 0.500	mg/L	02/05/14 17:15	02/06/14 22:42	2967451

\$ The state of origin does not offer certification for this parameter.

Sampling Point: TCEQ 32J-2010 Clarifier Eff.

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	3.32	mg/L	02/05/14 17:15	02/06/14 22:52	2967452

\$ The state of origin does not offer certification for this parameter.

Client Name: City of Wichita Falls

Report #: 311351

Sampling Point: 19J-RO Reject

PWS ID: TX2430001

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7429-90-5	Aluminum	200.8	50 ^	2.0	12	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-36-0	Antimony	200.8	6 *	1.0	2.6	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-38-2	Arsenic	200.8	10 *	1.0	5.6	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-39-3	Barium	200.8	2000 *	2.0	82	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-41-7	Beryllium	200.8	4 *	0.3	< 0.3	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-43-9	Cadmium	200.8	5 *	1.0	< 1.0	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-47-3	Chromium	200.8	100 *	0.9	2.0	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-50-8	Copper	200.8	1300 !	1.0	17	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7439-96-5	Manganese	200.8	50 ^	2.0	300	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-02-0	Nickel	200.8	---	1.0	21	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7782-49-2	Selenium	200.8	50 *	2.0	8.6	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-22-4	Silver	200.8	100 ^	2.0	< 2.0	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-28-0	Thallium	200.8	2 *	0.3	< 0.3	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7440-66-6	Zinc	200.8	5000 ^	5.0	80	ug/L	02/13/14 12:30	02/14/14 14:57	2970388
7439-97-6	Mercury	245.1	2 *	0.1	< 0.1	ug/L	02/13/14 09:40	02/13/14 14:37	2970388

Sampling Point: 22J-Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	< 0.500	mg/L	02/11/14 16:30	02/13/14 14:27	2970389

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 32J-2010 Clarifier Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	3.78	mg/L	02/11/14 16:30	02/13/14 13:39	2970390

\$ The state of origin does not offer certification for this parameter.

Client Name: City of Wichita Falls

Report #: 311986

Sampling Point: TCEQ 19J-RO Reject

PWS ID: TX2430001

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7429-90-5	Aluminum	200.8	50 ^	2.0	12	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-36-0	Antimony	200.8	6 *	1.0	3.0	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-38-2	Arsenic	200.8	10 *	1.0	6.3	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-39-3	Barium	200.8	2000 *	2.0	99	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-41-7	Beryllium	200.8	4 *	0.3	< 0.3	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-43-9	Cadmium	200.8	5 *	1.0	< 1.0	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-47-3	Chromium	200.8	100 *	0.9	1.6	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-50-8	Copper	200.8	1300 !	1.0	13	ug/L	02/24/14 16:00	02/25/14 20:14	2975615
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7439-96-5	Manganese	200.8	50 ^	2.0	310	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-02-0	Nickel	200.8	---	1.0	23	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7782-49-2	Selenium	200.8	50 *	2.0	8.1	ug/L	02/24/14 16:00	02/25/14 20:14	2975615
7440-22-4	Silver	200.8	100 ^	2.0	< 2.0	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-28-0	Thallium	200.8	2 *	0.3	< 0.3	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7440-66-6	Zinc	200.8	5000 ^	5.0	100	ug/L	02/24/14 16:00	02/25/14 16:49	2975615
7439-97-6	Mercury	245.1	2 *	0.1	< 0.1	ug/L	02/24/14 11:48	02/24/14 16:30	2975615

Sampling Point: TCEQ 22J-Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	< 0.500	mg/L	02/18/14 16:30	02/26/14 15:24	2975616

\$ The state of origin does not offer certification for this parameter.

Sampling Point: TCEQ 32J-2010ClarifierEffluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	3.45	mg/L	02/18/14 16:30	02/26/14 15:34	2975617

\$ The state of origin does not offer certification for this parameter.

Client Name: City of Wichita Falls

Report #: 312458

Sampling Point: TCEQ 19J-RO Reject

PWS ID: TX2430001

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7429-90-5	Aluminum	200.8	50 ^	2.0	13	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-36-0	Antimony	200.8	6 *	1.0	3.2	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-38-2	Arsenic	200.8	10 *	1.0	6.9	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-39-3	Barium	200.8	2000 *	2.0	94	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-41-7	Beryllium	200.8	4 *	0.3	< 0.3	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-43-9	Cadmium	200.8	5 *	1.0	< 1.0	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-47-3	Chromium	200.8	100 *	0.9	2.6	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-50-8	Copper	200.8	1300 !	1.0	13	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7439-96-5	Manganese	200.8	50 ^	2.0	300	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-02-0	Nickel	200.8	---	1.0	26	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7782-49-2	Selenium	200.8	50 *	2.0	18	ug/L	03/03/14 10:15	03/04/14 19:52	2979779
7440-22-4	Silver	200.8	100 ^	2.0	< 2.0	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-28-0	Thallium	200.8	2 *	0.3	< 0.3	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7440-66-6	Zinc	200.8	5000 ^	5.0	97	ug/L	03/03/14 10:15	03/04/14 13:45	2979779
7439-97-6	Mercury	245.1	2 *	0.1	< 0.1	ug/L	03/03/14 10:12	03/03/14 15:29	2979779

Sampling Point: TCEQ 22J-Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	< 0.500	mg/L	02/25/14 17:00	03/05/14 19:28	2979780

\$ The state of origin does not offer certification for this parameter.

Sampling Point: TCEQ 32J-2010ClarifierEffluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	3.80	mg/L	02/25/14 17:00	03/05/14 19:08	2979781

\$ The state of origin does not offer certification for this parameter.

Client Name: City of Wichita Falls

Report #: 313495

Sampling Point: Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
14797-55-8	Nitrate	353.2	10 *	0.1	2.1	mg/L	---	03/13/14 15:40	2989704

Sampling Point: RO Feed

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
14797-55-8	Nitrate	353.2	10 *	0.1	13	mg/L	---	03/14/14 20:47	2989705
14797-65-0	Nitrite	353.2	1 *	0.01	0.02	mg/L	---	03/13/14 15:00	2989705

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7631-86-9	Silica, Total	200.7	---	0.1	4.6	mg/L	---	03/18/14 13:11	2989706

Sampling Point: RO Reject

PWS ID: TX2430001

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7429-90-5	Aluminum	200.8	50 ^	2.0	18	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-36-0	Antimony	200.8	6 *	1.0	3.1	ug/L	03/16/14 15:30	03/17/14 16:30	2989707
7440-38-2	Arsenic	200.8	10 *	1.0	15	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-39-3	Barium	200.8	2000 *	2.0	44	ug/L	03/16/14 15:30	03/17/14 16:30	2989707
7440-41-7	Beryllium	200.8	4 *	0.3	< 1.5	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-43-9	Cadmium	200.8	5 *	1.0	< 5.0	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-47-3	Chromium	200.8	100 *	0.9	< 4.5	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-50-8	Copper	200.8	1300 !	1.0	17	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7439-92-1	Lead	200.8	15 !	1.0	1.6	ug/L	03/16/14 15:30	03/17/14 16:30	2989707
7439-96-5	Manganese	200.8	50 ^	2.0	220	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-02-0	Nickel	200.8	---	1.0	28	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7782-49-2	Selenium	200.8	50 *	2.0	23	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-22-4	Silver	200.8	100 ^	2.0	< 10.0	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7440-28-0	Thallium	200.8	2 *	0.3	< 0.3	ug/L	03/16/14 15:30	03/17/14 16:30	2989707
7440-66-6	Zinc	200.8	5000 ^	5.0	110	ug/L	03/16/14 15:30	03/17/14 15:57	2989707
7439-97-6	Mercury	245.1	2 *	0.1	< 0.1	ug/L	03/14/14 09:45	03/14/14 14:16	2989707

† UL has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

Client Name: City of Wichita Falls

Report #: 313344

Sampling Point: TCEQ 22J-Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	< 0.500	mg/L	03/11/14 17:30	03/12/14 22:04	2988246

\$ The state of origin does not offer certification for this parameter.

Sampling Point: TCEQ 23J-Secondary Reservoir

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
24959-67-9	Bromide	300.0	---	0.010	1.0	mg/L	---	03/11/14 16:50	2988248
---	Dissolved Organic Carbon \$	5310 C	---	0.500	8.41	mg/L	03/11/14 17:30	03/12/14 21:55	2988247

\$ The state of origin does not offer certification for this parameter.

Sampling Point: TCEQ 28J-Splitter Box Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
24959-67-9	Bromide	300.0	---	0.010	0.62	mg/L	---	03/11/14 17:35	2988261
---	Dissolved Organic Carbon \$	5310 C	---	0.500	5.32	mg/L	03/11/14 17:30	03/12/14 21:44	2988258

Disinfection Byproducts									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
75-27-4	Bromodichloromethane	524.2	---	0.5	1.5	ug/L	---	03/12/14 02:09	2988259
75-25-2	Bromoform	524.2	---	0.5	1.2	ug/L	---	03/12/14 02:09	2988259
67-66-3	Chloroform	524.2	---	0.5	0.5	ug/L	---	03/12/14 02:09	2988259
124-48-1	Dibromochloromethane	524.2	---	0.5	2.0	ug/L	---	03/12/14 02:09	2988259
---	Total Trihalomethanes	524.2	80 *	0.5	5.2	ug/L	---	03/12/14 02:09	2988259
631-64-1	Dibromoacetic acid	552.2	---	1.0	6.8	ug/L	03/14/14 08:30	03/15/14 00:37	2988260
79-43-6	Dichloroacetic acid	552.2	---	1.0	2.0	ug/L	03/14/14 08:30	03/15/14 00:37	2988260
79-08-3	Monobromoacetic acid	552.2	---	1.0	< 1.0	ug/L	03/14/14 08:30	03/15/14 00:37	2988260
79-11-8	Monochloroacetic acid	552.2	---	2.0	< 2.0	ug/L	03/14/14 08:30	03/15/14 00:37	2988260
76-03-9	Trichloroacetic acid	552.2	---	1.0	< 1.0	ug/L	03/14/14 08:30	03/15/14 00:37	2988260
---	Total HAA5	552.2	60 *	2.0	8.8	ug/L	03/14/14 08:30	03/15/14 00:37	2988260

\$ The state of origin does not offer certification for this parameter.

Client Name: City of Wichita Falls

Report #: 312921

Sampling Point: TCEQ 19J-RO Reject

PWS ID: TX2430001

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7429-90-5	Aluminum	200.8	50 ^	2.0	22	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-36-0	Antimony	200.8	6 *	1.0	3.5	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-38-2	Arsenic	200.8	10 *	1.0	7.3	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-39-3	Barium	200.8	2000 *	2.0	70	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-41-7	Beryllium	200.8	4 *	0.3	< 0.3	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-43-9	Cadmium	200.8	5 *	1.0	< 1.0	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-47-3	Chromium	200.8	100 *	0.9	3.2	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-50-8	Copper	200.8	1300 !	1.0	26	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7439-96-5	Manganese	200.8	50 ^	2.0	300	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-02-0	Nickel	200.8	---	1.0	30	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7782-49-2	Selenium	200.8	50 *	2.0	6.7	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-22-4	Silver	200.8	100 ^	2.0	< 2.0	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-28-0	Thallium	200.8	2 *	0.3	< 0.3	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7440-66-6	Zinc	200.8	5000 ^	5.0	120	ug/L	03/09/14 14:00	03/10/14 16:02	2984297
7439-97-6	Mercury	245.1	2 *	0.1	< 0.1	ug/L	03/05/14 10:54	03/05/14 15:22	2984297

Sampling Point: TCEQ 22J-Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	< 0.500	mg/L	03/04/14 18:00	03/07/14 19:11	2984298

\$ The state of origin does not offer certification for this parameter.

Sampling Point: TCEQ 32J-2010ClarifierEffluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Dissolved Organic Carbon \$	5310 C	---	0.500	4.32	mg/L	03/04/14 18:00	03/07/14 19:22	2984299

\$ The state of origin does not offer certification for this parameter.

Client Name: City of Wichita Falls

Report #: 312661

Sampling Point: RO Feed

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
14797-55-8	Nitrate	353.2	10 *	0.1	15	mg/L	---	02/28/14 17:28	2981732
14797-65-0	Nitrite	353.2	1 *	0.01	0.01	mg/L	---	02/27/14 15:19	2981732

Metals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
7631-86-9	Silica, Total	200.7	---	0.1	5.3	mg/L	---	03/04/14 10:57	2981733

Sampling Point: Lagoon Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
14797-55-8	Nitrate	353.2	10 *	0.1	0.9	mg/L	---	02/27/14 16:20	2981734

Sampling Point: 40J Clearwell Effluent

PWS ID: TX2430001

General Chemistry									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed Date	UL ID #
---	Solids, Dissolved	2540 C	500 ^	10	250	mg/L	---	02/28/14 16:26	2981735

† UL has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

TCEQ-22J Flow Meter Calibration Summary

CALIBRATION/VERIFICATION REPORT MAGNETIC FLOW METERS

DATE: 1/31/14

CUSTOMER: City of Wichita Falls, TX, Cypress WTP

INSTRUMENT DESCRIPTION: Backwash Lagoon Recycle Flowmeter

MANUFACTURER:	ABB
MODEL NO.:	FEF121350K1S4A1B1
SIZE:	14"
SERIAL NUMBER:	
FLOW TUBE:	3K220000047761
TRANSMITTER:	3K220000006396
MANUFACTURER DATE:	2010
SPAN:	0-8.00 MGD

CALIBRATION/VERIFICATION PROCEDURE: Magnetic Flowmeters installed at Cypress WTP cannot be flow calibrated in-situ. The flow tubes and transmitters must be wet-calibrated in similar pipe installations as installed in processes at a NIST-certified calibration facility. However, the factory calibration constants are stored in the flow tubes and/or the flow transmitters. In-situ magnetic flow meter verification was performed by confirming that the calibration factors that were derived during factory calibration are being used in the flow transmitter. The transmitter was placed in the Simulate Mode and specific output signals were generated by the transmitter in accordance with the manually entered flow rate. The 4-20 mA output signal output was measured and logged.

RESULTS
1/31/14

CALIBRATION FACTORS

	<u>Factory Calibration Values</u>	<u>Transmitter Observed Values</u>
Ss	-158.6934	-158.6934
Sz	1.9306	1.9306

TRANSMITTER OUTPUT SIGNAL VERIFICATION

<u>FLOW RATE</u>	<u>EXPECTED SIGNAL</u>	<u>MEASURED SIGNAL</u>
0.0 MGD	4.00 mA	4.002 mA
1.62 MGD	7.24 mA	7.26 mA

* Since the meter was in service no other Flow Rate Setting could be established

TEST EQUIPMENT: FLUKE 725 Process Calibrator, Due 8/26/14

All measurements are within the accuracy tolerance (+/-0.5%) of the flow meter.

Calibration/Verification by:

Date: 2/7/14



Jerry W. Bauman
Bauman Instrument Corp.
918/261-6060

RESULTS
2/26/14

CALIBRATION FACTORS

	<u>Factory Calibration Values</u>	<u>Transmitter Observed Values</u>
Ss	-158.6934	-158.6934
Sz	1.9306	1.9306

TRANSMITTER OUTPUT SIGNAL VERIFICATION

<u>FLOW RATE</u>	<u>EXPECTED SIGNAL</u>	<u>MEASURED SIGNAL</u>
0.00 MGD	4.00 mA	4.00 mA
1.68 MGD	7.36 mA	7.35 mA

* Since the meter was in service no other Flow Rate Setting could be established

TEST EQUIPMENT: FLUKE 725 Process Calibrator, Due 8/26/14

All measurements are within the accuracy tolerance (+/-0.5%) of the flow meter.

Calibration/Verification by:

Date: 3/1/14



Jerry W. Bauman
Bauman Instrument Corp.
918/261-6060

RESULTS
3/8/14

CALIBRATION FACTORS

	<u>Factory Calibration Values</u>	<u>Transmitter Observed Values</u>
Ss	-158.6934	-158.6934
Sz	1.9306	1.9306

TRANSMITTER OUTPUT SIGNAL VERIFICATION

<u>FLOW RATE</u>	<u>EXPECTED SIGNAL</u>	<u>MEASURED SIGNAL</u>
0.00 MGD	4.00 mA	4.001 mA
1.68 MGD	7.36 mA	7.35 mA

* Since the meter was in service no other Flow Rate Setting could be established

TEST EQUIPMENT: FLUKE 725 Process Calibrator, Due 8/26/14

All measurements are within the accuracy tolerance (+/-0.5%) of the flow meter.

Calibration/Verification by:

Date: 3/9/14



Jerry W. Bauman
Bauman Instrument Corp.
918/261-6060