01454720 LEHIGH RIVER AT EASTON, PA

LOCATION.--Lat 40°41'12", long 75°12'32", Northampton County, Hydrologic Unit 02040106, on left bank, near bridge on U.S. Highway 611 in Easton.

DRAINAGE AREA.--1,364 mi².

PERIOD OF RECORD.--October 1961 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1963 to current year.

pH: November 1972 to current year.
WATER TEMPERATURE: October 1961 to current year. DISSOLVED OXYGEN: June 1966 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1961. Probes interfaced with a data collection platform since the 1986 water year.

REMARKS.--Specific conductance record rated good except for period July 12-14, which is fair. pH record rated good. Water temperature record rated good. Dissolved oxygen record rated fair except for period Oct. 1-7, which is poor. Beginning with the 1978 water year, no data were recorded during the months of October through March. Other interruptions in the record were due to malfunctions of the pump or recording instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 581 microsiemens, Aug. 19, 1963; minimum, 70 microsiemens, Nov. 14, 1970. pH: Maximum, 8.7, July 18, 19, 1991; minimum, 6.0, Mar. 16, 1978. WATER TEMPERATURE: Maximum, 30.5°C, July 29, 1970, July 21, 1980; minimum, 0.0°C, many days during winters. DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Apr. 14, 1986; minimum, 0.0 mg/L, Aug. 4, 1966.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
OCTOBER				NOVEMBER			I	DECEMBER	1		JANUARY			
1	187	175	181											
2	204	187	197											
3	209	204	207											
4	213	209	210											
5	216	209	213											
3	210	200	213											
6	215	206	211											
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24														
25														
26														
27														
28														
29														
30														
31														
MONTH	216	175	203											

01454720 LEHIGH RIVER AT EASTON, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1 2							249	225	244	245 242	232 224	241 236
3 4										227 173	173 154	207 162
5										173	155	163
6							251	241	247	181	172	177
7 8							290 279	250 262	269 266			
9 10							273 270	262	267 265			
11							270	260 261	267			
12							270	252	266			
13 14							265	251	259			
15							251 228	222 217	241 223			
16							221	209	215			
17							236	213	223			
18							240	228	233	208	198	204
19 20							236 247	230 236	233 243	217 215	208 207	214 211
0.1							0.54		0.5.5	010	000	01.6
21 22							264 262	244 255	257 259	219 225	209 217	216 222
23							262	254	258	233	223	227
24 25							259 250	250 240	256 247	244 259	228 235	237 244
					0.40							
26 27				261 256	249 240	256 250	243 228	228 205	235 215	273 272	239 226	252 250
28				242	222	235	222	205	211	227	167	191
29				225	217	221	212	205	208	174	165	168
30 31				227 239	219 221	224 232	232	212	219	196 	174 	186
MONTH				261	217	236	290	205	243	273	154	211
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN		MIN AUGUST	MEAN		MIN EPTEMBE	
1		JUNE		301	JULY 293	296	270	AUGUST	265	s 230	EPTEMBE 216	222
1 2		JUNE		301 308	JULY 293 301	296 305	270 261	258 249	265 257	230 253	EPTEMBE 216 230	222 245
1		JUNE		301	JULY 293	296	270	AUGUST	265	s 230	EPTEMBE 216	222
1 2 3	 225	JUNE 216	 222	301 308 312	JULY 293 301 306	296 305 309	270 261 249	258 249 221	265 257 235	230 253 270	216 230 250	222 245 260
1 2 3 4	 225 236	JUNE 216 223	 222 231	301 308 312 319	JULY 293 301 306 310	296 305 309 315	270 261 249 228	258 249 221 220	265 257 235 224	230 253 270 281	216 230 250 266	222 245 260 273
1 2 3 4 5	 225 236 254 257 224	JUNE 216 223 235 224 211	 222 231 244 249 216	301 308 312 319 321 320 322	JULY 293 301 306 310 308 311 311	296 305 309 315 315 315	270 261 249 228 238 249 270	258 249 221 220 228 235 248	265 257 235 224 235 243 261	230 253 270 281 285 285	216 230 250 266 276 275 283	222 245 260 273 280 281 288
1 2 3 4 5	 225 236 254	JUNE 216 223 235 224 211 211	 222 231 244	301 308 312 319 321	293 301 306 310 308 311 311 295	296 305 309 315 315 315 318 315	270 261 249 228 238	258 249 221 220 228 235	265 257 235 224 235	230 253 270 281 285	216 230 250 266 276 275 283 271	222 245 260 273 280
1 2 3 4 5	 225 236 254 257 224 227	JUNE 216 223 235 224 211	 222 231 244 249 216 219	301 308 312 319 321 320 322 329	JULY 293 301 306 310 308 311 311	296 305 309 315 315 315	270 261 249 228 238 249 270 287	258 249 221 220 228 235 248 270	265 257 235 224 235 243 261 280	230 253 270 281 285 285 299 298	216 230 250 266 276 275 283	222 245 260 273 280 281 288 287
1 2 3 4 5 6 7 8 9	225 236 254 257 224 227 245	JUNE 216 223 235 224 211 221 226	222 231 244 249 216 219 236	301 308 312 319 321 320 322 329 345	293 301 306 310 308 311 311 295 322	296 305 309 315 315 315 315 318 315 338	270 261 249 228 238 249 270 287 299	258 249 221 220 228 235 248 270 285	265 257 235 224 235 243 261 280 290	230 253 270 281 285 285 299 298 271	216 230 250 266 276 275 283 271 225	222 245 260 273 280 281 288 287 237
1 2 3 4 5 6 7 8 9 10	255 236 254 257 224 227 245 261	JUNE 216 223 235 224 211 211 221 226 244 259 235	 222 231 244 249 216 219 236 253	301 308 312 319 321 320 322 329 345 352 359 337	JULY 293 301 306 310 308 311 311 295 322 338 335 164	296 305 309 315 315 315 318 315 338 345	270 261 249 228 238 249 270 287 299 312	258 249 221 220 228 235 248 270 285 296	265 257 235 224 235 243 261 280 290 302 314 318	230 253 270 281 285 285 299 298 271 225	216 230 250 260 276 275 283 271 225 167	222 245 260 273 280 281 288 287 237 194
1 2 3 4 5 6 7 8 9 10	225 236 254 257 224 227 245 261 273 259 250	JUNE 216 223 235 224 211 211 226 244 259 235 235	 222 231 244 249 216 219 236 253 264 242	301 308 312 319 321 320 322 329 345 352 359 337 209	JULY 293 301 306 310 308 311 295 322 338 335 164 168	296 305 309 315 315 315 318 315 338 345	270 261 249 228 238 249 270 287 299 312 323 325 317	258 249 221 220 228 235 248 270 285 296 307 308 133	265 257 235 224 235 243 261 280 290 302 314 318 221	230 253 270 281 285 285 299 298 271 225 172 178 190	216 230 250 266 276 275 283 271 225 167	222 245 260 273 280 281 288 287 237 194 168 174 185
1 2 3 4 5 6 7 8 9 10	255 236 254 257 224 227 245 261	JUNE 216 223 235 224 211 211 221 226 244 259 235	 222 231 244 249 216 219 236 253	301 308 312 319 321 320 322 329 345 352 359 337	JULY 293 301 306 310 308 311 311 295 322 338 335 164	296 305 309 315 315 315 318 315 338 345	270 261 249 228 238 249 270 287 299 312	258 249 221 220 228 235 248 270 285 296	265 257 235 224 235 243 261 280 290 302 314 318	230 253 270 281 285 285 299 298 271 225	216 230 250 260 276 275 283 271 225 167	222 245 260 273 280 281 288 287 237 194
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	225 236 254 257 224 227 245 261 273 259 250 249 281	JUNE 216 223 235 224 211 211 221 226 244 259 235 235 242 247	249 216 219 236 253 264 242 244 246 260	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222	222 245 260 273 280 281 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	225 236 254 257 224 227 245 261 273 259 259 249 281 287 279	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247	249 216 219 236 253 264 242 244 244 246 260	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280	JUNE 216 223 235 224 211 211 221 226 244 259 235 235 242 247 278 270 248	 222 231 244 249 216 219 236 253 264 242 244 246 260	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	225 236 254 257 224 227 245 261 273 259 259 249 281 287 279	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247	249 216 219 236 253 264 242 244 244 246 260	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250	JUNE 216 223 235 224 211 211 221 226 244 259 235 242 247 278 270 248 241 242	249 216 219 236 253 264 242 244 246 260 282 273 270 244 247	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 294 245	293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148 159 172 194 219 237	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 275	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 250 264	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247 278 270 248 241 242 244	249 216 219 236 253 264 242 244 246 260 282 273 270 244 247	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 245 245	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 236 253	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148 159 172 194 219 237	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 275	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 248 250 250 248 250	JUNE 216 223 235 224 211 211 221 226 244 259 235 235 242 247 278 270 248 241 242 244 241	249 216 219 231 244 249 216 219 236 253 264 242 244 246 260 282 273 270 244 247	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 294 245	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 236 236 236	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148 159 172 194 219 237	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 275 275	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 250 264	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247 278 270 248 241 242 244	249 216 219 236 253 264 242 244 246 260 282 273 270 244 247	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 245 245	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 236 253	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148 159 172 194 219 237	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 275	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 250 264 273 279 279 279 279 279 279 279 279 279 279	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247 278 270 248 241 242 244 241 263 263 2661	249 216 219 231 244 249 216 219 236 253 264 242 244 246 260 282 273 270 244 247 246 251 271 268 271	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 294 245	293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 236 236 249	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238 250 262 269 262 257	270 261 249 228 238 249 270 287 299 312 325 317 141 148 159 172 194 219 237 232 179 179 179 179 187	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230 199 162 175 176 181	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 275 275	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 264 273	JUNE 216 223 235 224 211 211 226 244 259 235 242 247 278 270 248 241 242 244 241 263 263	244 249 216 219 236 253 264 242 244 246 260 282 273 270 244 247 246 251 271 268	301 308 312 319 321 320 322 329 345 352 359 240 260 276 295 297 294 245	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 245 236 253 2644 248	296 305 309 315 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238 250 262 269 262	270 261 249 228 238 249 270 287 299 312 325 317 141 148 159 172 194 219 237 232 179 179 179 179 187	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230 199 162 175 176 181	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 	216 230 250 266 276 275 283 273 225 167 166 172 178 190 222 255 267 	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 250 264 273 279 280 249 273 279 280 249 273 279 279 279 279 279 279 279 279 279 279	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247 278 270 248 241 242 244 241 263 263 261 277 272 267	249 216 219 236 253 264 242 244 246 260 282 273 270 244 247 246 251 271 268 271 283 280 271	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 294 245 258 267 274 283 265	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 236 253 264 248 249 261 254 213	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238 250 262 262 269 262 257	270 261 249 228 238 249 270 287 299 312 325 317 141 148 159 172 194 219 237 232 179 179 179 179 179 187	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219 149 152 172 173 176	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230 199 162 175 176 181	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 139	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 264 273 279 293 279 293 293 273	JUNE 216 223 235 224 211 216 2244 211 226 244 259 235 242 247 278 270 248 241 242 241 263 261 277 272 276 270	244 249 216 219 236 253 264 242 244 246 260 282 273 270 244 247 246 251 271 268 271 283 280 271	301 308 312 319 321 320 322 329 345 352 359 240 260 276 295 297 294 245 258 267 274 283 265	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 245 246 248 249 261 254 213 237	296 305 309 315 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238 250 262 267 265 272 265 272 224 245	270 261 228 228 238 249 270 287 299 312 323 325 317 141 148 159 172 194 219 237 232 179 179 179 179 187	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219 149 152 173 176 187 200 214 218	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230 199 162 175 176 181	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 	216 230 250 266 276 275 283 273 271 225 167 166 172 178 190 222 255 267 	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	225 236 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 250 250 264 273 279 280 249 273 279 280 249 273 279 279 279 279 279 279 279 279 279 279	JUNE 216 223 235 224 211 211 226 244 259 235 235 242 247 278 270 248 241 242 244 241 263 263 261 277 272 267	249 216 219 236 253 264 242 244 246 260 282 273 270 244 247 246 251 271 268 271 283 280 271	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 294 245 258 267 274 283 265	JULY 293 301 306 310 308 311 311 295 322 338 335 164 168 206 240 252 275 288 245 236 236 253 264 248 249 261 254 213	296 305 309 315 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238 250 262 262 269 262 257	270 261 249 228 238 249 270 287 299 312 325 317 141 148 159 172 194 219 237 232 179 179 179 179 179 187	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219 149 152 172 173 176	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230 199 162 175 176 181	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 139	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 20 21 22 23 24 25 26 27 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	225 226 254 257 224 227 245 261 273 259 250 249 281 287 279 280 248 248 250 250 264 273 279 280 270 270 270 270 270 270 270 270 270 27	JUNE 216 223 235 224 211 211 226 244 259 235 242 247 278 270 248 241 263 261 277 272 267 270 290	244 249 216 219 236 253 264 242 244 246 260 282 273 270 244 247 246 251 271 268 271 283 280 271 283 280 271 279 295	301 308 312 319 321 320 322 329 345 352 359 337 209 240 260 276 295 297 245 258 267 274 283 265	JULY 293 301 306 310 308 311 311 295 322 338 335 164 206 240 252 275 288 245 236 253 264 248 249 261 254 213 237 244	296 305 309 315 315 318 315 338 345 351 286 201 224 254 267 286 294 274 238 250 262 269 262 267 265 272 224 245 249	270 261 249 228 238 249 270 287 299 312 323 325 317 141 148 159 172 194 219 237 232 179 179 179 179 187	258 249 221 220 228 235 248 270 285 296 307 308 133 124 141 148 158 172 194 219 149 152 172 173 176 187 200 214 218 219	265 257 235 224 235 243 261 280 290 302 314 318 221 131 143 154 166 181 207 230 199 162 175 176 181	230 253 270 281 285 285 299 298 271 225 172 178 190 222 256 275 275 176 175 176	216 230 250 266 276 275 283 271 225 167 166 172 178 190 222 255 267 139 149 142	222 245 260 273 280 281 288 287 237 194 168 174 185 204 244 267 270

01454720 LEHIGH RIVER AT EASTON, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER		I	DECEMBER			JANUAR	Y
1	7.0	6.9	6.9									
2 3	7.0 7.1	6.9 7.0	7.0 7.1									
4 5	7.2	7.1	7.1									
5	7.2	7.1	7.2									
6 7	7.2	7.1	7.2									
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21 22												
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24 25												
23												
26 27												
28												
29 30												
31												
MAX	7.2	7.1	7.2									
MIN	7.0	6.9	6.9									
DAY	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
DAY		MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN MAY	MEDIAN
			MEDIAN	MAX		MEDIAN		APRIL			MAY	
1 2	 	FEBRUARY			MARCH		8.0	APRIL 7.7	7.8	7.8 7.8	MAY 7.6 7.5	7.7 7.6
1 2 3		FEBRUARY			MARCH		8.0	APRIL 7.7	7.8	7.8 7.8 7.6	MAY 7.6 7.5 7.3	7.7 7.6 7.4
1 2	 	FEBRUARY		 	MARCH 		8.0	7.7 	7.8 	7.8 7.8	MAY 7.6 7.5	7.7 7.6
1 2 3 4	 	FEBRUARY 	 		MARCH 	 	8.0	7.7 	7.8 	7.8 7.8 7.6 7.3	MAY 7.6 7.5 7.3 7.2	7.7 7.6 7.4 7.2
1 2 3 4 5		FEBRUARY	 		MARCH	 	8.0 8.5 8.4	7.7 8.1 8.2	7.8 8.4 8.4	7.8 7.8 7.6 7.3 7.2	MAY 7.6 7.5 7.3 7.2 7.2 7.2	7.7 7.6 7.4 7.2 7.2
1 2 3 4 5	 	FEBRUARY		 	MARCH		8.0 8.5	7.7 8.1	7.8 8.4	7.8 7.8 7.6 7.3 7.2	7.6 7.5 7.3 7.2 7.2	7.7 7.6 7.4 7.2 7.2
1 2 3 4 5 6 7 8		FEBRUARY	==== ==== ====	==== ==== ==== ====	MARCH	==== ==== ==== ====	8.0 8.5 8.4 8.5	7.7 8.1 8.2 8.1	7.8 8.4 8.4 8.3	7.8 7.8 7.6 7.3 7.2	MAY 7.6 7.5 7.3 7.2 7.2	7.7 7.6 7.4 7.2 7.2
1 2 3 4 5 6 7 8 9 10	 	FEBRUARY	====	===	MARCH	 	8.0 8.5 8.4 8.5 8.3 8.6	7.7 8.1 8.2 8.1 7.8 8.1 8.1	7.8 8.4 8.4 8.3 8.2 8.4	7.8 7.8 7.6 7.3 7.2 7.2	7.6 7.5 7.3 7.2 7.2 7.2	7.7 7.6 7.4 7.2 7.2
1 2 3 4 5 6 7 8 9 10		FEBRUARY		==== ==== ==== ==== ==== ====	MARCH		8.0 8.5 8.4 8.5 8.6 8.6	7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.1	7.8 8.4 8.4 8.3 8.2 8.4	7.8 7.8 7.6 7.3 7.2 7.2	7.6 7.5 7.3 7.2 7.2 7.2	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.3 8.6	7.7 8.1 8.2 8.1 7.8 8.1 8.1	7.8 8.4 8.4 8.3 8.2 8.4	7.8 7.8 7.6 7.3 7.2 7.2	7.6 7.5 7.3 7.2 7.2 7.2	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10		FEBRUARY		==== ==== ==== ==== ==== ====	MARCH		8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2	7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.1	7.8 8.4 8.3 8.2 8.4 8.3 8.1 7.8	7.8 7.8 7.6 7.3 7.2 7.2 	MAY 7.6 7.5 7.3 7.2 7.2	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0	7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.7 7.6	7.8 8.4 8.4 8.3 8.2 8.4 8.3 7.7 7.8	7.8 7.8 7.6 7.3 7.2 7.2 	MAY 7.6 7.5 7.3 7.2 7.2 7.2	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.6 8.2 7.8 8.0	7.7 8.1 8.2 8.1 7.8 8.1 8.0 7.8 7.7 7.6	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.7,7	7.8 7.8 7.6 7.3 7.2 7.2	MAY 7.6 7.5 7.3 7.2 7.2 7.2	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0	### APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.0 7.8 7.7 7.6 7.7 7.6 7.7 7.6 7.8	7.8 8.4 8.3 8.2 8.4 8.3 7.7 7.8 7.8 7.7 7.9	7.8 7.8 7.6 7.3 7.2 7.2 	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.4 7.4	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.6 8.2 8.2 7.8 8.0	7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.7 7.6 7.6	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.8	7.8 7.8 7.6 7.3 7.2 7.2 7.5	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.4	7.7 7.6 7.4 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0 8.0 8.0	### APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.0 7.8 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.9	7.8 8.4 8.4 8.3 8.2 8.4 8.7 7.8 7.8 7.8 7.8 7.8 7.9 8.1	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4	7.7 7.6 7.4 7.2 7.2 7.2 7.5 7.5 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.6 8.2 8.2 7.8 8.0 8.0 8.0 8.0	7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.7 7.6 7.7 7.6	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.8 7.7 7.9	7.8 7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.4 7.4 7.4	7.7 7.6 7.4 7.2 7.2 7.2 7.5 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.2 8.0	### APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.0 7.8 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.8 7.8 7.8 7.8 7.8 7.8	7.8 8.4 8.3 8.2 8.4 8.3 8.7 7.8 7.8 7.8 7.8 7.9 8.1 8.0 7.9	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.4 7.4	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.6 7.4 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.6 8.2 8.2 7.8 8.0 8.0 8.0 8.0 8.0 8.2	APRIL 7.7 8.1 8.2 8.1 8.1 8.0 7.8 8.1 7.6 7.7 7.6 7.7 7.6 7.8 7.8 7.8	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.7 7.7 7.9 7.9 7.9	7.8 7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.4 7.4	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4	7.7 7.6 7.4 7.2 7.2 7.2 7.5 7.4 7.4 7.4 7.4 7.3
1 2 3 4 5 6 7 8 9 10 11 12 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20		FEBRUARY			MARCH	 	8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.1 7.8	APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.0 7.8 7.7 6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.7	7.8 8.4 8.3 8.2 8.4 8.3 8.7,7 7.8 7.8 7.8 7.9 8.1 8.0 7.9 7.6	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.5 7.4 7.4 7.4 7.4	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.3 7.3	7.7 7.6 7.4 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4 7.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.0 8.1 8.1 7.8 7.8	APRIL 7.7 8.1 8.2 8.1 8.1 8.0 7.8 8.1 8.0 7.8 7.6 7.6 7.6 7.6 7.6 7.8 7.8 7.9 7.8 7.8 7.9 7.5 7.5 7.5 7.5	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.8 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.5 7.4 7.4 7.4 7.4 7.4 7.4	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3	7.7 7.6 7.4 7.2 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4 7.4 7.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		FEBRUARY		 8.3 8.4 8.5 8.5	MARCH	 	8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.1 7.8 7.8 7.8 7.8	APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.8 7.8 7.8 7.8 7.8 7.9 7.8 7.8 7.8 7.9 7.5 7.6 7.7 7.5 7.6 7.7 7.6 7.6	7.8 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.8 7.8 7.9 8.1 8.0 7.9 7.9 7.6 7.4 7.6 7.7	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.5 7.4 7.4 7.4 7.4 7.4 7.3	MAY 7.6 7.5 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.2	7.7 7.6 7.4 7.2 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4 7.4 7.3 7.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28		FEBRUARY			MARCH		8.0 8.5 8.4 8.5 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.0 8.1 8.1 7.8 7.8	APRIL 7.7 8.1 8.2 8.1 8.1 8.0 7.8 8.1 8.0 7.8 7.6 7.6 7.6 7.6 7.6 7.8 7.8 7.9 7.8 7.8 7.9 7.5 7.5 7.5 7.5	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.8 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.9	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.5 7.4 7.4 7.4 7.4 7.4 7.4	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3	7.7 7.6 7.4 7.2 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4 7.4 7.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31		FEBRUARY		8.3 8.4 8.5 8.5 8.5 8.5	MARCH	7.9 8.0 8.1 8.3 8.0 7.8	8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.1 7.8 7.8 7.8 7.8 7.8	APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.1 8.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.8 7.8 7.8 7.8 7.8 7.9 7.8 7.8 7.9 7.5 7.4 7.5 7.6 7.6 7.6 7.7	7.8 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.8 7.8 7.8 7.9 8.1 8.0 7.9 7.9 7.6 7.4 7.6 7.7 7.7	7.8 7.8 7.6 7.3 7.2 7.2 7.5 7.5 7.5 7.5 7.4 7.4 7.4 7.4 7.4 7.4 7.3 7.3	MAY 7.6 7.5 7.2 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.7 7.6 7.4 7.2 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		FEBRUARY		 	MARCH	 	8.0 8.5 8.4 8.5 8.3 8.6 8.6 8.2 7.8 8.0 8.0 8.0 8.0 8.1 7.8 8.1 8.1 8.1 8.1 8.1 8.2	APRIL 7.7 8.1 8.2 8.1 7.8 8.1 8.0 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.7 7.6 7.6	7.8 8.4 8.4 8.3 8.2 8.4 8.3 8.1 7.8 7.7 7.9 7.9 8.1 8.0 7.9 7.9 7.6 7.4 7.6 7.7 7.7	7.8 7.8 7.6 7.3 7.2 7.2 7.2 7.5 7.5 7.5 7.5 7.4 7.4 7.4 7.4 7.4 7.4 7.3 7.3	MAY 7.6 7.5 7.3 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.7 7.6 7.4 7.2 7.2 7.2 7.2 7.5 7.5 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3

01454720 LEHIGH RIVER AT EASTON, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMB	ER
1 2 3 4 5	 7.6 7.6 7.6	 7.5 7.6 7.6	 7.6 7.6 7.6	7.8 7.9 7.9 8.0 8.0	7.6 7.6 7.6 7.6 7.7	7.7 7.7 7.7 7.7 7.8	7.6 7.6 7.6 7.5 7.6	7.5 7.5 7.4 7.4 7.5	7.5 7.6 7.5 7.4 7.5	7.5 7.5 7.6 7.7 7.6	7.4 7.5 7.5 7.5 7.5	7.4 7.5 7.5 7.6 7.6
6 7 8 9 10	7.6 7.6 7.6 7.6 7.6	7.6 7.6 7.6 7.6 7.6	7.6 7.6 7.6 7.6	8.0 8.0 7.8 7.8 7.9	7.6 7.7 7.6 7.6 7.6	7.8 7.8 7.7 7.6 7.7	7.6 7.7 7.8 7.8 7.8	7.5 7.6 7.7 7.7 7.7	7.6 7.7 7.8 7.8 7.8	7.6 7.7 7.7 7.5 7.3	7.6 7.6 7.5 7.2 7.1	7.6 7.6 7.6 7.3 7.2
11 12 13 14 15	7.6 7.6 7.7 7.7	7.6 7.6 7.6 7.6 7.6	7.6 7.6 7.6 7.6 7.7	8.0 7.9 7.4 7.4 7.5	7.6 7.4 7.3 7.2 7.4	7.7 7.6 7.3 7.3	7.8 7.7 7.7 7.2 7.2	7.7 7.6 7.2 7.2 7.2	7.8 7.7 7.5 7.2 7.2	7.2 7.2 7.2 7.3 7.3	7.1 7.1 7.1 7.2 7.3	7.2 7.2 7.2 7.2 7.3
16 17 18 19 20	7.7 7.6 7.7 7.6 7.7	7.6 7.6 7.6 7.5 7.6	7.6 7.6 7.6 7.6 7.6	7.5 7.6 7.6 7.5 7.4	7.5 7.5 7.5 7.4 7.4	7.5 7.5 7.5 7.4 7.4	7.3 7.4 7.4 7.4 7.5	7.2 7.3 7.4 7.3 7.4	7.3 7.3 7.4 7.4 7.4	7.4 7.4 	7.2 7.3 	7.4 7.4
21 22 23 24 25	7.7 7.7 7.6 7.7	7.6 7.6 7.6 7.6 7.6	7.7 7.7 7.6 7.7 7.7	7.5 7.5 7.6 7.5 7.6	7.4 7.4 7.5 7.4 7.5	7.5 7.5 7.5 7.5 7.5	7.5 7.4 7.4 7.4 7.3	7.3 7.3 7.3 7.2 7.3	7.4 7.3 7.4 7.3 7.3		 	
26 27 28 29 30 31	7.8 7.6 7.7 7.8 7.8	7.6 7.6 7.6 7.6 7.6	7.6 7.6 7.6 7.7 7.7	7.6 7.7 7.5 7.6 7.6 7.6	7.5 7.5 7.4 7.5 7.5	7.6 7.6 7.5 7.5 7.6 7.5	7.3 7.4 7.4 7.4 7.4 7.4	7.3 7.3 7.3 7.3 7.3	7.3 7.3 7.4 7.3 7.4 7.4	 7.6 7.6 7.6	7.5 7.5 7.4	7.6 7.5 7.5
MAX MIN	7.8 7.6	7.6 7.5	7.7 7.6	8.0 7.4	7.7 7.2	7.8 7.3	7.8 7.2	7.7 7.2	7.8 7.2	7.7 7.2	7.6 7.1	7.6 7.2

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 $\,$

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
	OCTOBER			N	OVEMBER		D	ECEMBER			JANUARY			
1 2 3	15.0 14.5 13.5	14.5 13.5 12.5	15.0 14.0 13.0											
4 5	12.5	12.0 11.5	12.0 11.5											
6 7	12.0	11.5	12.0											
8 9														
10														
11 12														
13 14														
15														
16 17														
18 19														
20														
21 22														
23 24														
25														
26 27														
28														
29 30														
31														
MONTH	15.0	11.5	12.9											

01454720 LEHIGH RIVER AT EASTON, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	 	 	 	 	 	 	9.5 	8.5 	9.0 	18.0 18.5 18.5 15.0 14.0	16.0 17.5 15.0 13.0 13.0	17.0 18.0 17.0 13.5 13.5
6 7 8 9 10	 	 	 	 		 	8.0 10.0 10.5 11.5	7.0 8.0 10.0 10.0	8.0 9.0 10.5 10.5	14.5 	13.0	13.5
11 12 13 14 15	 	 	 	 	 	 	11.5 10.5 9.5 9.5 10.5	10.5 9.5 9.0 9.0 9.0	11.0 10.0 9.0 9.5 10.0	 	 	
16 17 18 19 20	 	 	 	 	 	 	11.5 13.0 15.0 16.0 17.0	9.5 11.0 12.5 14.5 15.5	10.5 11.5 13.5 15.5 16.5	20.5 20.0 19.5	 19.0 19.5 18.5	 19.5 19.5 19.0
21 22 23 24 25	 	 	 	 	 	 	16.5 16.5 16.0 16.0 15.5	16.0 15.5 15.5 15.0 14.0	16.5 16.0 16.0 15.5 15.0	19.0 21.0 22.5 23.0 23.0	18.5 19.0 21.0 22.0 22.0	19.0 19.5 21.5 22.5 23.0
26 27 28 29 30 31		 	 	9.5 11.5 12.0 12.0 11.5 9.5	8.0 9.5 11.0 11.0 9.5 9.0	9.0 10.5 11.5 11.5 10.5 9.0	14.0 13.0 13.5 14.5 16.0	12.0 11.5 12.0 12.5 14.0	13.0 12.5 13.0 13.5 15.0	23.0 20.5 20.5 19.5 19.0	20.5 20.0 19.5 18.5	22.0 20.5 20.0 19.0 18.5
MONTH				12.0	8.0	10.3	17.0	7.0	12.3	23.0	13.0	18.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN	MAX	MIN SEPTEMBE	
DAY 1 2 3 4 5	MAX 19.5 20.0 20.0		MEAN 19.0 19.5 19.0	MAX 23.0 24.5 25.0 25.5 26.0		MEAN 22.0 23.0 23.5 24.0 24.5	MAX 23.5 24.0 24.5 24.5 24.5		MEAN 23.0 23.5 23.5 24.0 23.5	MAX 22.0 21.5 21.5 21.5 21.5		
1 2 3 4	 19.5 20.0	JUNE 18.0 19.0	 19.0 19.5	23.0 24.5 25.0 25.5	JULY 21.5 22.0 23.0 23.5	22.0 23.0 23.5 24.0	23.5 24.0 24.5 24.5	22.5 23.0 23.0 23.5	23.0 23.5 23.5 24.0	22.0 21.5 21.5 21.5	21.0 20.5 20.5 21.0	21.5 21.0 21.0 21.0
1 2 3 4 5 6 7 8 9	19.5 20.0 20.0 18.0 17.5 20.5 22.5	JUNE 18.0 19.0 18.0 16.0 15.5 17.5 20.5	19.0 19.5 19.0 17.0 16.5 18.5 21.0	23.0 24.5 25.0 25.5 26.0 25.5 25.5 25.5	JULY 21.5 22.0 23.0 23.5 23.5 24.0 23.5 24.0 23.5	22.0 23.0 23.5 24.0 24.5 24.5 24.5 24.5 24.5	23.5 24.0 24.5 24.5 24.5 23.0 21.0 20.0 21.0	22.5 23.0 23.0 23.5 23.0 21.0 19.5 19.0 19.5	23.0 23.5 23.5 24.0 23.5 22.0 20.0 19.5 20.5	22.0 21.5 21.5 21.5 21.0 20.0 20.5 20.5	21.0 20.5 20.5 21.0 20.0 19.5 19.5 20.0 20.0	21.5 21.0 21.0 21.0 20.5 19.5 20.0 20.5 21.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	19.5 20.0 20.0 18.0 17.5 22.5 22.5 22.5 22.5 22.0 20.0	JUNE 18.0 19.0 18.0 16.0 15.5 17.5 20.5 22.0 20.0 19.0 19.0 18.5	19.0 19.5 19.0 17.0 16.5 18.5 21.0 22.5 21.0 19.5 19.0	23.0 24.5 25.0 25.5 26.0 25.5 25.5 25.5 25.0 24.5 25.0 21.0 20.5	JULY 21.5 22.0 23.0 23.5 23.5 24.0 23.5 24.0 23.5 23.0 23.0 21.0 20.0 20.0	22.0 23.0 23.5 24.0 24.5 24.5 24.5 24.5 24.0 23.5 24.0 23.0 20.5 20.0	23.5 24.0 24.5 24.5 24.5 21.0 20.0 21.0 22.0 22.5 22.5 22.5 20.5	22.5 23.0 23.5 23.0 21.0 19.5 19.0 19.5 20.5 21.5 22.0 20.5	23.0 23.5 23.5 24.0 23.5 22.0 20.0 19.5 20.5 21.5 22.0 22.0 21.5 19.5	22.0 21.5 21.5 21.5 21.0 20.0 20.5 20.5 21.5 21.0 20.5 20.5 20.0 20.5	21.0 20.5 20.5 21.0 20.0 19.5 19.5 20.0 20.5 20.5 20.5 20.5	21.5 21.0 21.0 21.0 20.5 19.5 20.0 20.5 20.5 20.5 20.0 20.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19.5 20.0 20.0 18.0 17.5 20.5 22.5 22.5 22.5 22.0 20.0 19.5 19.0 21.0 22.5 23.5 24.0 24.0	JUNE 18.0 19.0 18.0 16.0 15.5 17.5 20.5 22.0 20.0 19.0 19.0 18.5 19.0 20.5 22.5 23.0 23.0	19.0 19.5 19.0 17.0 16.5 18.5 21.0 22.5 21.0 19.5 19.0 20.0 22.0 23.0 23.5 23.5	23.0 24.5 25.0 25.5 26.0 25.5 25.5 25.5 25.0 24.5 25.0 21.0 20.5 20.5	JULY 21.5 22.0 23.0 23.5 23.5 24.0 23.5 24.0 23.5 24.0 23.5 24.0 20.0 20.0 20.0 20.0 20.0	22.0 23.0 23.5 24.0 24.5 24.5 24.5 24.5 24.0 23.5 24.0 23.5 24.0 23.5 20.0 20.0	23.5 24.0 24.5 24.5 24.5 24.5 21.0 21.0 22.0 22.5 22.5 22.5 20.5 21.0 20.0	22.5 23.0 23.0 23.5 23.0 21.0 19.5 19.5 20.5 21.5 22.0 20.5 19.5 19.5 20.5	23.0 23.5 23.5 24.0 23.5 22.0 20.0 19.5 21.5 22.0 22.0 21.5 19.5 20.0 20.0 20.0	22.0 21.5 21.5 21.5 21.0 20.0 20.5 20.5 21.5 21.0 20.5 20.0 20.5 20.0 20.5 20.5	21.0 20.5 20.5 21.0 20.0 19.5 19.5 20.0 20.5 20.5 20.5 20.5 20.5	21.5 21.0 21.0 21.0 20.5 19.5 20.0 20.5 20.5 21.0 20.5 20.0 19.5 20.0 19.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	19.5 20.0 20.0 18.0 17.5 20.5 22.5 22.5 22.5 22.0 20.0 19.5 19.0 21.0 22.5 24.0 23.0 24.0 23.0	JUNE 18.0 19.0 18.0 16.0 15.5 20.5 22.0 20.0 19.0 19.0 18.5 19.0 20.5 22.5 23.0 23.0 21.5	19.0 19.5 19.0 16.5 18.5 21.0 22.5 21.0 19.0 19.0 20.0 23.0 23.5 22.0 21.0 22.5	23.0 24.5 25.0 25.5 26.0 25.5 25.5 25.5 25.0 24.5 25.0 21.0 20.5 20.5 20.5 21.5 21.5 22.5 23.5 23.5	JULY 21.5 22.0 23.5 23.5 24.0 23.5 24.0 23.5 23.0 23.0 21.0 20.0 20.0 20.0 21.0 20.0 21.0 22.0 22	22.0 23.0 23.5 24.0 24.5 24.5 24.5 24.5 24.0 23.5 24.0 23.0 20.0 20.0 19.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20	23.5 24.0 24.5 24.5 24.5 24.5 22.0 21.0 22.0 22.0 22.5 22.5 22.5 20.5 21.0 20.5 21.0 20.5 21.0	22.5 23.0 23.5 23.0 21.0 19.5 19.5 20.5 21.5 22.0 20.5 19.5 19.5 20.5 21.0 20.5 21.0	23.0 23.5 24.0 23.5 24.0 20.0 19.5 21.5 22.0 22.0 21.5 19.5 20.0 20.0 20.0 20.5 20.5 20.5 20.0	22.0 21.5 21.5 21.5 21.0 20.0 20.5 20.5 21.5 21.0 20.5 20.5 20.5 20.5 20.5 20.5	21.0 20.5 20.5 21.0 20.0 19.5 19.5 20.0 20.5 20.5 20.5 20.5 20.0 19.0 19.5 19.5 19.0	21.5 21.0 21.0 21.0 20.5 19.5 20.0 20.5 21.0 20.5 20.0 19.5 20.0 19.5 19.5

01454720 LEHIGH RIVER AT EASTON, PA--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER		;	DECEMBER	1		JANUARY	
1	9.4	8.9	9.1									
2 3	9.7 10.4	9.0 9.6	9.4 9.9									
4	10.5	9.9	10.3									
5	11.1	10.3	10.8									
6	11.1	10.3	10.7									
7												
8 9												
10												
11												
12												
13 14												
15												
16 17												
18												
19												
20												
21												
22 23												
24												
25												
26												
26 27												
28												
29												
30 31												
31												
MONTH	11.1	8.9	10.0									
DAY	MAX	MTN	MEAN	MAX	MTN	MEAN	MAX	MTN	MEAN	MAX	MTN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	FEBRUARY		MAX	MIN MARCH	MEAN		APRIL			MAY	
1		FEBRUARY			MARCH		11.8	APRIL	11.1	9.8	MAY 9.0	9.4
1 2		FEBRUARY			MARCH			APRIL		9.8 9.1	MAY 9.0 8.5	9.4 8.8
1		FEBRUARY			MARCH		11.8	10.8	11.1	9.8	MAY 9.0	9.4
1 2 3		FEBRUARY	 	 	MARCH	 	11.8	10.8 	11.1	9.8 9.1 9.0	MAY 9.0 8.5 8.3	9.4 8.8 8.6
1 2 3 4	 	FEBRUARY	 		MARCH 	 	11.8 	10.8 	11.1	9.8 9.1 9.0 9.6	MAY 9.0 8.5 8.3 8.9	9.4 8.8 8.6 9.3
1 2 3 4 5		FEBRUARY		 	MARCH		11.8 13.0 12.7	10.8 11.6 11.2	11.1 12.2 12.0	9.8 9.1 9.0 9.6 9.5	9.0 8.5 8.3 8.9 9.2	9.4 8.8 8.6 9.3 9.3
1 2 3 4 5		FEBRUARY	 	 	MARCH		11.8 13.0 12.7 12.1	10.8 11.6 11.2 10.7	11.1 12.2 12.0 11.2	9.8 9.1 9.0 9.6 9.5	9.0 8.5 8.3 8.9 9.2	9.4 8.8 8.6 9.3 9.3
1 2 3 4 5		FEBRUARY		 	MARCH		11.8 13.0 12.7	10.8 11.6 11.2	11.1 12.2 12.0	9.8 9.1 9.0 9.6 9.5	9.0 8.5 8.3 8.9 9.2	9.4 8.8 8.6 9.3 9.3
1 2 3 4 5 6 7 8 9		FEBRUARY		==== ==== ==== ====	MARCH		11.8 13.0 12.7 12.1 12.0 12.8	APRIL 10.8 11.6 11.2 10.7 10.2 10.5	11.1 12.2 12.0 11.2 11.0 11.5	9.8 9.1 9.0 9.6 9.5	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3
1 2 3 4 5 6 7 8 9 10		FEBRUARY			MARCH	===	11.8 13.0 12.7 12.1 12.0 12.8	10.8 11.6 11.2 10.7 10.2 10.5	11.1 12.2 12.0 11.2 11.0 11.5	9.8 9.1 9.0 9.6 9.5	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9		FEBRUARY		==== ==== ==== ====	MARCH		11.8 13.0 12.7 12.1 12.0 12.8	APRIL 10.8 11.6 11.2 10.7 10.2 10.5	11.1 12.2 12.0 11.2 11.0 11.5	9.8 9.1 9.0 9.6 9.5	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 12.7 11.4 10.8	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.5 10.6 10.4	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8	9.8 9.1 9.0 9.6 9.5	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9 10		FEBRUARY		 	MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 12.7 11.4	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.5	11.1 12.2 12.0 11.2 11.0 11.5 11.0	9.8 9.1 9.0 9.6 9.5	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.5 10.6 10.4 10.6	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1	9.8 9.1 9.0 9.6 9.5	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 12.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1	9.8 9.1 9.0 9.6 9.5 9.3 	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 12.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.5 10.5 10.6 10.4 10.6	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1	9.8 9.1 9.0 9.6 9.5 9.3 8.8	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 12.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1	9.8 9.1 9.0 9.6 9.5 9.3 	MAY 9.0 8.5 8.3 8.9 9.2 8.3	9.4 8.8 8.6 9.3 9.3 8.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 12.7 11.4 10.8 11.7 11.4 10.8 11.1 11.1	10.8 11.6 11.2 10.7 10.5 10.5 10.6 10.4 10.6	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6	9.4 8.8 8.6 9.3 9.3 8.9 8.7 8.6 8.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.3 9.1	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 10.0 10.2 10	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3	9.4 8.8 8.6 9.3 9.3 8.9 8.7 8.8 8.8 8.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7 11.1 11.0	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.3 9.1 9.1	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 10.0 10.2 10	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.9	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.8 8.8 8.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.3 9.1	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 10.0 10.2 10	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.8 8.6 8.2 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.1 11.1 11.0	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.3 9.1 9.1 9.9	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 10.0 10.2 10.0 10.2	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3 8.1 7.9	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.9 7.6 7.3	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.8 8.8 8.8 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUARY			MARCH		11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7 11.5 10.7 10.5 10.7 10.7	10.8 	11.1 12.2 12.0 11.5 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 9.7 9.7 10.4	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3 7.9	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.9 7.6 7.3	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.8 8.6 8.2 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		FEBRUARY		 12.4 11.7	MARCH	 11.4 11.1	11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.1 11.1 11.0	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.1 9.1 9.1 9.1	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 10.0 10.2 10.0 9.8 9.7 9.7 10.4	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3 8.1 7.9	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.9 7.6 7.3	9.4 8.8 9.3 9.3 8.9 8.7 8.8 8.8 8.8 8.8 7.6 7.4 7.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUARY		 12.4 11.7 11.9	MARCH	 	11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7 11.2 10.5 10.7 10.5 10.7 10.2 11.2 10.6	APRIL 10.8 11.6 11.2 10.5 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.3 9.1 9.1 9.1 9.1 10.0	11.1 12.2 12.0 11.5 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 9.7 9.7 10.4 10.3	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3 7.9	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.6 7.3 7.1 7.5 7.6 7.9	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.6 8.2 7.6 7.4 7.9 7.9 8.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30		FEBRUARY		 12.4 11.7 11.9 11.9	MARCH	 	11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7	APRIL 10.8 11.6 11.2 10.7 10.2 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	11.1 12.2 12.0 11.2 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 10.0 10.2 10.2 10.4 10.3 9.9	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3 8.1 7.9 7.7 8.1 8.2 8.5 9.1	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.9 7.6 7.3 7.1 7.5 7.6 7.9 8.3	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.6 8.2 7.6 7.4 7.9 7.9 8.3 8.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUARY		 12.4 11.7 11.9	MARCH	 	11.8 13.0 12.7 12.1 12.0 12.8 11.7 11.4 10.8 11.7 11.4 10.8 11.7 11.2 10.5 10.7 10.5 10.7 10.2 11.2 10.6	APRIL 10.8 11.6 11.2 10.5 10.5 10.5 10.6 10.4 10.6 10.3 8.7 8.8 9.4 9.1 9.3 9.1 9.1 9.1 9.1 10.0	11.1 12.2 12.0 11.5 11.0 11.5 11.0 11.3 10.8 10.6 11.1 10.9 9.8 9.7 9.7 10.4 10.3	9.8 9.1 9.0 9.6 9.5 9.3 8.8 8.7 9.0 8.9 8.8 8.3 7.9	MAY 9.0 8.5 8.3 8.9 9.2 8.3 8.5 8.4 8.6 8.7 8.3 7.6 7.3 7.1 7.5 7.6 7.9	9.4 8.8 9.3 9.3 8.9 8.7 8.6 8.8 8.6 8.2 7.6 7.4 7.9 7.9 8.3

01454720 LEHIGH RIVER AT EASTON, PA--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	R
1 2 3 4 5	9.3 9.3 9.3	 8.9 8.8 8.7	9.1 9.1 9.0	9.3 9.3 9.6 9.5	8.6 8.5 8.3 8.2 8.1	8.9 8.8 8.7 8.8 8.7	7.9 7.9 7.8 7.8 7.8	7.6 7.6 7.5 7.5 7.6	7.8 7.8 7.7 7.6 7.7	8.5 9.0 9.0 9.0	8.3 7.3 8.4 8.5 8.0	8.4 8.7 8.8 8.8 8.7
6 7 8 9 10	10.2 10.5 10.2 10.2 9.4	9.3 10.0 9.5 9.2 8.8	9.8 10.3 10 9.4 9.1	9.5 9.7 9.3 9.1	8.0 8.1 8.2 7.6	8.7 8.8 8.6 8.4	8.3 8.7 9.0 9.0 8.6	7.7 8.2 8.6 8.5 8.1	8.0 8.5 8.8 8.7 8.4	9.5 9.4 8.9 8.8 8.9	8.7 8.9 8.2 8.1 8.3	9.1 9.1 8.7 8.3 8.6
11 12 13 14 15	9.7 10.1 10.3 10.5 10.4	8.9 9.5 9.6 10.0 9.8	9.2 9.8 10.0 10.2 10.1	 8.2	 7.9	 8.1	8.3 8.1 8.3 8.8 9.5	7.9 7.3 7.8 8.2 8.6	8.1 7.9 8.0 8.6 8.7	9.0 9.1 9.0 8.6 8.8	7.9 8.9 8.2 8.3 8.4	8.8 9.0 8.7 8.5 8.6
16 17 18 19 20	9.8 9.5 9.1 9.0 9.5	9.1 8.7 8.5 8.5 8.4	9.5 9.0 8.8 8.7 8.9	8.3 8.1 7.7 7.9 8.1	7.9 7.4 7.1 5.8 7.5	8.1 7.8 7.5 6.9 7.8	8.7 8.7 8.6 8.5 8.5	8.5 8.4 8.4 7.8 8.1	8.6 8.5 8.5 8.4 8.3	8.7 8.7 	8.4 8.4 	8.6 8.6
21 22 23 24 25	9.6 9.1 9.1 8.9 8.5	8.9 8.7 8.7 8.3 7.8	9.2 8.9 8.9 8.6 8.2	7.9 7.6 7.6 8.0 8.2	6.7 6.7 6.4 7.2 7.6	7.3 7.2 7.2 7.6 7.9	8.3 9.0 9.0 9.0 8.9	7.9 7.8 8.8 8.7	8.1 8.7 9.0 8.9 8.8	 	 	
26 27 28 29 30 31	8.3 8.8 9.0 9.2 9.3	7.9 7.9 8.3 8.4 8.6	8.1 8.4 8.6 8.8 8.9	8.4 8.1 8.2 8.3 8.3	7.8 7.9 7.9 8.0 7.6 7.8	8.1 8.0 8.0 8.2 8.2 8.0	8.9 8.7 8.6 8.5 8.3	8.6 8.6 8.4 8.1 7.9	8.8 8.6 8.4 8.3	9.3 9.0 9.1	8.7 8.4 9.0	9.1 8.7 9.0
MONTH	10.5	7.8	9.2	9.7	5.8	8.1	9.5	7.3	8.4	9.5	7.3	8.7

01454720 LEHIGH RIVER AT EASTON, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Sample loc- ation, cross section ft from rt bank (72103)	Sam- pling depth, feet (00003)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUL									
28 28	1322 1325 1326 1333 1334 1335 1347 1348 1349 1350 1357 1358 1359 1403 1404 1405 1416 1417 1422 1423 1424 1428 1428	1028 1028 1028 1028 1028 1028 1028 1028	1028 1028 1028 1028 1028 1028 1028 1028	30 30 30 60 60 60 95 95 95 95 130 130 150 150 150 150 190 190 190 190 215 215 240 240	10.0 5.00 1.00 9.00 5.00 1.00 15.0 10.0 5.00 1.00 1.00 5.00 1.00 1.00 5.00 1.00 5.00 1.00 1.00 5.00 5.00	9.1 9.0 9.0 8.9 9.0 9.0 9.0 9.0 8.9 9.0 8.9 8.9 8.9 8.9 8.9 8.9	7.9 7.8 7.8 7.8 7.7 7.7 7.7 7.6 7.6 7.6 7.6 7.5 7.5 7.5 7.5	213 213 213 213 213 213 213 213 213 213	19.9 19.9 19.9 19.9 19.9 19.9 19.9 19.9
28 28 28 28	1430 1431 1432 1433	1028 1028 1028 1028	1028 1028 1028 1028	240 270 270 300	1.00 5.00 1.00	8.9 8.9 8.9	7.5 7.6 7.5	216 216 216	19.9 19.9 19.9
20	1133	1020	1020	500	.00				