

Appendix I

**DRINKING WATER PROTECTION AREA
INVESTIGATION, DELIENATION AND
MANAGEMENT AND UNDERGROUND INJECTION
CONTROLS**

UICs Installed in FY14-15

| Asset | Description | Position | Cost Code | Class | Service Group | Commission Date | Status | Criticality | Out of Service |
|-----------|-----------------------|----------|-----------|-------|---------------|-----------------|--------|-------------|----------------|
| DDW010291 | Perrault Building | | 450-6070 | C | UTLSTMMMAINT | 7/15/2014 | Active | Medium | NO |
| DDW010176 | NWX Discovery Roads | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010177 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010178 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010179 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010180 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010181 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010182 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010183 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010184 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010185 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010186 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010187 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010188 | New Middle School | | 450-6070 | C | UTLSTMMMAINT | 8/1/2014 | Active | Medium | NO |
| DDW010239 | McCall Landing Ph. 2B | | 450-6070 | C | UTLSTMMMAINT | 8/6/2014 | Active | Medium | NO |
| DDW010240 | McCall Landing Ph. 2B | | 450-6070 | C | UTLSTMMMAINT | 8/6/2014 | Active | Medium | NO |
| DDW010241 | McCall Landing Ph. 2B | | 450-6070 | C | UTLSTMMMAINT | 8/6/2014 | Active | Medium | NO |
| DDW010242 | McCall Landing Ph. 2B | | 450-6070 | C | UTLSTMMMAINT | 8/6/2014 | Active | Medium | NO |
| DDW010243 | Hollinshead Heights | | 450-6070 | C | UTLSTMMMAINT | 8/7/2014 | Active | Medium | NO |
| DDW010391 | Shevlin Estates | | | C | UTLSTMMMAINT | 8/15/2014 | Active | Medium | NO |
| DDW010292 | Deer Ridge Ph. 1 & 2 | | | C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |
| DDW010293 | Deer Ridge Ph. 1 & 2 | | | C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |
| DDW010294 | Deer Ridge Ph. 1 & 2 | | | C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |

UICs Installed in FY14-15

| Asset | Description | Position | Cost Code | Class | Service Group | Commission Date | Status | Criticality | Out of Service |
|-----------|----------------------------------|----------|-----------|-------------|---------------|-----------------|--------|-------------|----------------|
| DDW010295 | Deer Ridge Ph. 1 & 2 | | | DSTMUI C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |
| DDW010296 | Deer Ridge Ph. 1 & 2 | | | DSTMUI C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |
| DDW010297 | Deer Ridge Ph. 1 & 2 | | | DSTMUI C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |
| DDW010298 | Deer Ridge Ph. 1 & 2 | | | DSTMUI C | UTLSTMMMAINT | 8/25/2014 | Active | Medium | NO |
| DDW010299 | Three Pines Ridge Subdivision | | | DSTMUI C | UTLSTMMMAINT | 8/27/2014 | Active | Medium | NO |
| DDW010300 | Three Pines Ridge Subdivision | | | DSTMUI C | UTLSTMMMAINT | 8/27/2014 | Active | Medium | NO |
| DDW010301 | Three Pines Ridge Subdivision | | | DSTMUI C | UTLSTMMMAINT | 8/27/2014 | Active | Medium | NO |
| DDW010302 | Three Pines Ridge Subdivision | | | DSTMUI C | UTLSTMMMAINT | 8/27/2014 | Active | Medium | NO |
| DDW010303 | Three Pines Ridge Subdivision | | | DSTMUI C | UTLSTMMMAINT | 8/27/2014 | Active | Medium | NO |
| DDW010304 | Three Pines Ridge Subdivision | | | DSTMUI C | UTLSTMMMAINT | 8/27/2014 | Active | Medium | NO |
| DDW010244 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010245 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010246 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010247 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010248 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010249 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010250 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010251 | Shevlin Estates | | | C | UTLSTMMMAINT | 9/4/2014 | Active | Medium | NO |
| DDW010284 | Murray Industrial Building 1 | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 9/19/2014 | Active | Medium | NO |
| DDW010285 | Murray Industrial Building 1 | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 9/19/2014 | Active | Medium | NO |

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|-----------|------------------------------|----------|-----------|-------------|---------------|-----------------|--------|-------------|----------------|
| DDW010286 | Murray Industrial Building 1 | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 9/19/2014 | Active | Medium | NO |
| DDW010287 | Murray Industrial Building 1 | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 9/19/2014 | Active | Medium | NO |
| DDW010288 | Murray Industrial Building 1 | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 9/19/2014 | Active | Medium | NO |
| DDW010289 | Murray Industrial Building 1 | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 9/19/2014 | Active | Medium | NO |
| DDW010252 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010253 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010254 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010255 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010256 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010257 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010258 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010259 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010260 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010261 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010262 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010263 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010264 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010265 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010266 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010267 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010268 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010269 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010270 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010271 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010272 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010273 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |

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|-----------|------------------------------|----------|-----------|-------------|---------------|-----------------|--------|-------------|----------------|
| DDW010274 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010275 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010276 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010277 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010278 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010279 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010280 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010281 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010282 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010283 | Mirada Ph. 2-10 | | | C | UTLSTMMMAINT | 10/2/2014 | Active | Medium | NO |
| DDW010339 | Ponderous Pines II | | 450-6070 | C | UTLSTMMMAINT | 11/20/2014 | Active | Medium | NO |
| DDW010337 | Bridges at Shadow Glen 3A | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 12/23/2014 | Active | Medium | NO |
| DDW010338 | Bridges at Shadow Glen 3A | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 12/23/2014 | Active | Medium | NO |
| DDW010321 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010322 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010323 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010324 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010325 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010326 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010327 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010328 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |

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|-----------|-------------------------------|----------|-----------|-------------|---------------|-----------------|--------|-------------|----------------|
| DDW010329 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010330 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010331 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010332 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010333 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010334 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010335 | Aspen Ridge Subdivision | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 1/7/2015 | Active | Medium | NO |
| DDW010310 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010311 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010312 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010313 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010314 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010315 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010316 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010317 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010318 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |

UICs Installed in FY14-15

| Asset | Description | Position | Cost Code | Class | Service Group | Commission Date | Status | Criticality | Out of Service |
|-----------|----------------------------|----------|-----------|-------------|---------------|-----------------|--------|-------------|----------------|
| DDW010319 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010320 | Eagle Crossing Subdivision | | | DSTMUI C | UTLSTMMMAINT | 2/2/2015 | Active | Medium | NO |
| DDW010305 | NWX Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010306 | NWX Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010307 | NWX Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010308 | NWX Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010309 | NWX Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010351 | NW Crossing Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010352 | NW Crossing Ph. 25 | | 450-6070 | C | UTLSTMMMAINT | 2/12/2015 | Active | Medium | NO |
| DDW010368 | Aspen Reserve Off Site | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 3/17/2015 | Active | Medium | NO |
| DDW010369 | Aspen Reserve Off Site | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 3/17/2015 | Active | Medium | NO |
| DDW010370 | Aspen Reserve Off Site | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 3/17/2015 | Active | Medium | NO |
| DDW010371 | Aspen Reserve Off Site | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 3/17/2015 | Active | Medium | NO |
| DDW010372 | Aspen Reserve Off Site | | 450-6070 | DSTMUI C | UTLSTMMMAINT | 3/17/2015 | Active | Medium | NO |
| DDW010342 | Brooksmill Ph. 1 | | | C | UTLSTMMMAINT | 4/7/2015 | Active | Medium | NO |

City of Bend

Open Grate Drywell Upgrade Plan

Problem Definition: The City of Bend has seventy-four historic drywells with open grates. To reduce impacts from spill and illicit discharge risks and to generally prevent pollutants, meet current regulations, and reduce clogging to increase longevity, the City plans to provide upgrades to these drywells over time.

Planned Actions:

FY2014-2015:

- 1) Identify open grate drywells at City facilities including Airport, parking lots, right-of-way (streets), corporation yard facilities, City Hall, Fire Department facilities, and Police Department facilities.
- 2) Provide planning level (Class V) cost estimate for improvements.
- 3) Identify project manager(s) to address.
- 4) Secure funding by department in biennial budget.

FY2015-2016:

- 1) Develop interdepartmental charter
- 2) Conduct site visits of biennially funded drywells and confirm retrofit approach and schedule taking into account risk by area, effectiveness, funding availability and project coordination schedules, and operational and maintenance considerations.
- 3) Set up contracts; begin work and complete upgrade projects funded for FY2015-2016.
- 4) Provide yearly update of progress in WPCF-UIC annual reports.

FY2016-17 – F2026-2027:

- 1) Continue work per retrofit schedule at budgeted amounts.
- 2) Open top drywells to be corrected by June 30, 2027.
- 3) Provide yearly progress updates in WPCF-UIC annual reports. Provide final report within FY2026-2027 WPCF-UIC annual report.

Estimated Cost:

Initial Class V cost estimate Citywide for these upgrades is \$900,000. Cost estimate includes design, project management, construction and contingency.