# SUBSURFACE WASTEWATER INSPECTION FORM

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| Date of Inspection | Initial _____ 6 month _____ 12 month _____<br>Follow-up Service Other |
|---|---|

| County | System Type | Drainfield (on-site / off-site) |
|---|---|---|
| Pender | LPP | on-site |

| Name and Address of Owner: | Location of System / Drainfield (off-site): |
|---|---|
| | |

**\/ = Satisfactory M = Marginal X = Unsatisfactory N = Not Evaluated NA = Not Applicable**

## Septic Tank:

Size = _____ gallons

| | |
|---|---|
| Tank risers are accessible | |
| There are no infiltration problems | |
| Surface water is being diverted away | |
| Tanks/accesses are structurally sound | |
| Sanitary tee is in good condition | |
| Inlet tee is cleaned today | |
| Effluent filter is cleaned today | |
| Effluent filter is in good condition | |
| Effluent filter is snapped in place | |
| Water level is at proper height | |

| | |
|---|---|
| Scum Level | |
| Sludge Level | |
| Scum + Sludge Level | |
| Liquid Depth | |
| Tank Needs pumping? | |
| Filter cleaned today | |
| Filter is in good condition | |

## Effluent Dosing Station:

Size = _____ gallons

| | |
|---|---|
| Tank riser is at proper height | |
| No infiltration issues | |
| Required pumps present and operating | |
| High water alarm is operating | |
| Floats, pipes, valves, disconnects in good condition | |
| Pump float is not resting on top of pump | |
| Control panel is in good condition | |
| TCW sticker is placed on front panel door | |
| Duct seal is present in all conduit openings | |
| Effluent appears clear and free of solids | |
| Telemetry dialer is working properly | |

| | |
|---|---|
| Scum Level | |
| Sludge Level | |
| Scum + Sludge Level | |
| Tank Needs pumping? | |

## Ground Absorption Fields:

| | |
|---|---|
| There is no evidence of effluent surfacing | |
| Vegetative cover is maintained properly | |
| Field protected from traffic/distructive uses | |
| Surface water is being diverted away | |
| No low areas or settling occurring | |
| Line cover (soil) is adequate | |
| Repair area is properly reserved, maintained | |

| | |
|---|---|
| Drop boxes used in lieu of D-box | |
| D-box(es) in good condition | |
| D-box(es) in proper adjustment | |

## Pressure Manifold System:

| | |
|---|---|
| Manifold vault, valves, piping are in good condition | |
| No evidence of leakage, blockage in discharge lines | |
| The pressure head is properly adjusted | |

## Low Pressure Pipe System:

| | |
|---|---|
| Turn-ups/cleanouts are intact and accessible | |
| Laterals are free of excess solids | |
| Laterals were flushed this inspection | |
| Zone valves are operating properly | |
| Pressure head is properly adjusted | |
| Valve box or buckets are dry inside | |

| | |
|---|---|
| Corrected today | |
| Jetting necessary | |
| Corrected today | |
| Corrected today | |

Signature of "ORC" _____ Date: _____

# LPP FIELD SHEET and MONITORING VISIT CALCULATIONS: Simplex System

**SYSTEM SPECIFICATIONS**

| | |
|---|---|
| Total Flow (Design PDR) | |
| Design Usage (GPD) | |
| Dosing Volume (Gal) | |
| Gallons per inch of depth | |

**LATERAL PRESSURE**

| | Design | Actual | Adjusted |
|---|---|---|---|
| Line 1 | | | |
| Line 2 | | | |
| Line 3 | | | |
| Line 4 | | | |

| | | |
|---|---|---|
| Pump OFF (inches) | | |
| Pump ON (inches) | | |
| Total In. | | |
| Gal/In. | | (from above) |
| Total Gal | | Total Inches x Gal/In. |
| Total Minutes | | |
| GPM (Actual PDR) | | Total Gal/Total Minutes |
| GPM (Design PDR) | | (from above) |
| Pump Efficiency | | Actual/Design x 100 |

**CYCLE COUNTER**

| | |
|---|---|
| Previous | |
| Arrival | |
| Departure | |

**ETM**

| | |
|---|---|
| Previous | |
| Arrival | |
| Departure | |

**Days Since Last Visit**

| | |
|---|---|
| Previous Date | |
| Today's Date | |
| Total Days | |

| | |
|---|---|
| Theoretical Cycles Since last visit | |
| Theoretical Usage Since last visit (Gal) | |
| Theoretical Pump Run Time (Hours) | |

| | |
|---|---|
| Actual Cycles Since last visit | |
| Actual Usage Since last visit | |
| Actual Pump Run Time (Hours) | |

| | |
|---|---|
| Previous Water Usage Reading | |
| Arrival Water Usage Reading | |
| Actual Water Usage Since Last visit | |