

From: Sacha Maxwell [smaxwell@landauinc.com]
Sent: Friday, June 27, 2008 3:03 PM
To: Mike Wolanek; Anthony Katsaros
Cc: James Kelly; Bill Blake; Kelley Wrigg
Subject: RE: Arlington Storm Wetland Survey Tasks
Attachments: survey sketch.pdf

Hi Mike,

We pretty much need everything on this list, plus the OHWM (which will need to be flagged before hand). We need more detail in specific areas, but they can be less detailed in others, as described below:

Note that we may be able to be mores specific once we see what information we already have access to.

Project tasks:

- 1) SETUP
 - a. Project start-up; map and field prep
 - b. Cascade Surveying 10/2007 estimate = \$700.00

- 2) STAKING AND TOPO
 - a. Property boundaries, including WSDOT wetland
 - b. Topography from and including SR 9 and SR 530 to the vegetation line of the river (just N of the levee; this does *not* include OHWM)
Topography within 100 ft of the work area – see map.
Surface features (pavement, asphalt, traffic lines, sidewalks, surficial drainage features) within 100 ft of the work area – see map.
OHWM is needed – as flagged by a biologist
 - c. Berm elevations (levee, any other features) – **Base of slope and top of slope only – rough.**
 - d. All pipes and utilities, including main storm line in SR9 ROW from Division/SR530 intersection north to Burke Ave (underground structures to be located by the City) - **within 100 ft of the work area**
 - e. Miscellaneous flagged features in the field –**including test pit locations**
 - f. Cascade Surveying 10/2007 estimate = \$8000.00

- 3) MAPPING
 - a. AutoCAD file, meeting City standard projection
 - b. Cascade Surveying 10/2007 estimate = \$2200.00

- 4) RECORDING BOUNDARY SURVEY
 - a. At Snohomish County
 - b. Cascade Surveying 10/2007 estimate = \$109.50 1st page + \$5.00 each for any additional pages.

Thanks, Sacha