



MEMORANDUM

TO: FILE
FROM: Thad Kuntz, P.G.
DATE: March 2012
RE: High-Resolution GPS Dataset Documentation

INTRODUCTION

Nation Engineering Services, Inc. (NES) of Fort Morgan, CO contracted with NPNRD to complete a high-resolution global positioning system (GPS) survey of the location and elevation of surface water bodies within the Western Water Use Management (WWUM) Modeling area. To complete the data collection, North Platte NRD/South Platte NRD personnel (Thad Kuntz) provided NES with a point shapefile of the survey locations at bridges along these surface water bodies:

- North Platte River from the Nebraska-Wyoming state line to Lake McConaughy
- North Platte River Tributaries within Nebraska to Kingsley Dam at Lake McConaughy
- Pumpkin Creek
- Lodgepole Creek from Pine Bluffs, WY to the Colorado state line
- South Platte River from the Colorado state line to Ogallala, Nebraska.

At least 3 survey points per feature were completed, and NES was instructed to take a point where the bank and the water of the surface water body meet (e.g. river or stream stage top). Attachment A provides the email correspondence of the data provided by NES.

ATTACHMENT A


Attachment Tools Final Set of Points - Message (HTML)

File Message Attachments Tell me what you want to do

Open Quick Print Save As Save All Attachments Remove Attachment Select All Copy Show Message


Actions Selection Message


Fri 2/17/2012 3:44 PM


 Brent Nation <brent@nationengineering.com>

Final Set of Points

To Thaddeus Kuntz

 You replied to this message on 2/29/2012 2:16 PM.

 Feb 2012 Invoice.pdf
20 KB

 NPNRD Points 2012.zip
6 KB

Thad,

Here is a folder containing the additional North Platte data points I shot this week and an invoice for collecting those points. There should be 4 shape files containing 7 requested points and 1 master Excel file with all the points. I tried to use a similar format as with the data collected last year. Let me know if your GIS guy has questions. This should finalize our contract for this project. Thanks for the opportunity to help provide you services and see a part of Nebraska I never want to see again 😊

Thanks,


Brent M. Nation, P.E.
Nation Engineering Services, LLC
(970) 867-2883 o
(970) 768-2352 c

December data points - Message (HTML)


File Message Tell me what you want to do


Delete Archive Reply Reply All Forward UNWNRD To To Manager Team Email Move Tags Editing Zoom MyAnalytics


Delete Respond Quick Steps Move Zoom

 Tue 12/27/2011 11:25 AM
Brent Nation <brent@nationengineering.com>
December data points

To Thaddeus Kuntz

 You replied to this message on 2/29/2012 2:17 PM.

 NPNRD Points Fall 201...
7 KB

 Dec 2011 Invoice.pdf
20 KB

Thad,

Here is a folder containing the additional North Platte data points I shot last week and an invoice for collecting those points. There should be 3 shape files containing 11 requested points and 1 master Excel file with all the points. I tried to use a similar format as with the data collected last year. Let me know if your GIS guy has questions. I will give you a call in January about collecting the last 7 data points. Let me know if you have any questions.

Thanks,


Brent M. Nation, P.E.
Nation Engineering Services, LLC
(970) 867-2883 o
(970) 768-2352 c

Lodge Pole Points - Message (HTML)


File Message Tell me what you want to do

Delete Archive Reply Reply All Forward UNWNRD To To Manager Team Email Move Tags Editing Zoom MyAnalytics

Mon 6/20/2011 8:11 PM

 Brent Nation <brent@nationengineering.com>
Lodge Pole Points

To Thaddeus Kuntz

 NPNRD Points 2011.zip
27 KB

Thad,

Here is a folder containing the Lodge Pole and South Platte data points. There should be 11 shape files containing all the points and 1 master Excel file with all the points. I tried to use a similar format as with the data collected last year. Let me know if your GIS guy has questions. There were a couple of points that did not exist or were inaccessible along the Lodge Pole so you will not find all 66 points in the files. Let me know if you have any questions.

Thanks,

Brent M. Nation, P.E.
Nation Engineering Services, LLC
(970) 867-2883 o
(970) 768-2352 c


Project Data - Message (HTML)

File Message Tell me what you want to do

Delete Archive Reply Reply All Forward UNWNRD To To Manager Team Email Move Tags Editing Zoom MyAnalytics

Delete Respond Quick Steps Move Zoom










Fri 6/18/2010 1:48 PM

 Brent Nation <brent@nationengineering.com>

Project Data

To Thaddeus Kuntz

i You replied to this message on 7/21/2010 3:11 PM.

 NPNRD Points.xls 74 KB	 NEB21.clf 644 bytes	 NEB1.dbf 381 bytes
 NEB1.shp 680 bytes	 NEB1.shx 392 bytes	 NEB1.clf 693 bytes
 NEB2.dbf	 NEB2.shp	 NEB2.shx

Thad,

Here are 21 different shape files covering 75 data points. The files also contain all of my other points (base location, turning points, back sites, etc). They overlay nicely on my ArcView. I have also included an Excel file with the data in tabular form. I'm sure you will have lots of questions or at least your GIS guy will. I will call shortly to explain this a little more for you.

Thanks,

Brent M. Nation, P.E.
 Nation Engineering Services, LLC
 (970) 867-2883 o
 (970) 768-2352 c