

SURVEY MAP

SECTION 3, T31N, R01E, N. PART OF VIENNA TWP., MONTMORENCY CO., MI

SURVEY REPORT

PURPOSE: THIS SURVEY WAS EXECUTED FOR THE PURPOSE OF DELINEATING THE BOUNDARY OF CERTAIN STATE-OWNED LANDS, FOR USE BY FOREST, MINERAL AND FIRE MANAGEMENT DIVISION IN THE PROPER ADMINISTRATION OF SAID LANDS.

SURVEY NOTES: BEARING BASIS OF THIS SURVEY PROJ. IS MICHIGAN STATE PLANE COORDINATES-CENTRAL ZONE-DATUM NAD 83 (CORDS). TWO LOCAL GPS BASE STATIONS, WITH NGS "OPUS" SOLUTIONS WERE ESTABLISHED IN THE PROJECT AREA. THESE BASE STATIONS WERE USED AND FIXED FOR COORDINATE CONTROL IN THIS PROJECT. SURVEY FIELD WORK WAS PERFORMED WITH 'TRIMBLE R8 AND 4400' GPS RECEIVERS AND 'NIKON DTM 522' TOTAL STATION. FAST STATIC AND REAL-TIME KINEMATIC GLOBAL POSITIONING SYSTEM (GPS) TECHNIQUES WERE COMBINED WITH CONVENTIONAL SURVEY METHODS TO TIE OR SET THE MONUMENTS ON THIS SURVEY.

UNLESS OTHERWISE NOTED, DNR & DDC MONUMENTS CONSIST OF A FOUR-INCH ALUMINUM CAP ON A 1"x 36" GALVANIZED IRON PIPE.

ALL MEASUREMENTS ARE IN INTERNATIONAL GRID FEET AND DECIMALS THEREOF. ALL RECORD MEASUREMENTS ARE IN FEET AND DECIMALS THEREOF.

CERTIFICATION:
I HEREBY, CERTIFY THAT THE MAP DELINEATED HEREON IS A TRUE REPRESENTATION OF THE FINDINGS OF THIS SURVEY, AND THAT THE MONUMENTS FOUND OR ESTABLISHED AND MEASUREMENTS MADE ARE AS SHOWN HEREON.

Carl T. Kiiskila
CARL T. KIISKILA, P.S. #33981

MICHIGAN STATE PLANE COORDINATES CENTRAL
ZONE-NAD83(1994) - UNITS ARE IN
INTERNATIONAL GRID FEET

POINT#	NORTHING	EASTING
301	654884.44	19705488.29
303	654874.89	19702854.51
305	654866.81	19700221.49
307	653842.02	19704169.98
310	653862.21	19705487.39
311	652549.12	19705486.23
312	652527.52	19704168.17
313	652505.93	19702850.12
315	652464.07	19700213.58
1001	649923.20	19705482.62
1003	649874.98	19702844.87
1005	649826.77	19700207.13

COMBINED SCALE FACTOR: 0.99987114

LEGEND

DCP = Orange Carsonite Post
BCP = Blue Carsonite Post
LT = Location Tag
2" AC = 2" Aluminum Cap on 3/4" X 3/4" rebar
CIR = Capped Iron Rod
CIP = Capped Iron Pipe
X-X-X = Fence or Fence remains
SP = Single Proportion to GLD
DP = Double Proportion to GLD
S.C. = Standard Corner
C.C. = Closing Corner
--- = GRAVEL COUNTY RD. (<66')
--- = SEASONAL ROAD
--- = 2-Track Trail Rd.
○ = Section Corner
● = 1/4 Corner
● = Center of Section
○ = 1/16 or Misc. Corner

GLD = GENERAL LAND OFFICE
MNR = MI DEPT. OF NATURAL RESOURCES
DCC = DEPARTMENT OF CONSERVATION
DEM = DONALD E. MARLATT-PS#18660
CRJ = CARL R. JOHNSON-PS#33083
CTK = CARL T. KIISKILA-PS#33981

* = Corner not recorded this survey

Location of roads, trails, rivers etc.
are approximate only from 1998
series of USGS Digital Orthophoto
Quadrangles and field ties.



SHEET: 1 of 1 8-11-11

MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
FOREST MANAGEMENT DIVISION - SURVEY SECTION

TYPE OF SURVEY AND LOCATION: BOUNDARY AND RETRACEMENT
SURVEY FOR SECTION 3, T31N, R01E, N. PART OF VIENNA TOWNSHIP,
MONTMORENCY COUNTY, MICHIGAN

DIVISION: FOREST MANAGEMENT SURVEY PROJ. NO.: FM-2411
SURVEY BY: CARL T. KIISKILA P.S.#33981 DATE: JULY 2011
FIELD WORK BY: CARL KIISKILA/MATT DONTZ DATE: JULY 2011
DRAWN BY: MATT DONTZ, P.S. DATE: JULY 2011
CAD FILE: P:\OPM\SURVEY DATA\PROJECTS\2011\FM2411\dwg\FM2411.dwg

PLAN NO: R-60-BK

