

BREEZE BPIP

BPIP (Dated: 04274)

DATE : 3/17/2014

TIME : 17:12:10

BREEZE BPIP

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BPIP PROCESSING INFORMATION:

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The p flag has been set for preparing downwash related data
for a model run utilizing the PRIME algorithm.

Inputs entered in METERS will be converted to meters using
a conversion factor of 1.0000. Output will be in meters.

The UTM variable is set to UTM. The input is assumed to be in
UTM coordinates. BPIP will move the UTM origin to the first pair of
UTM coordinates read. The UTM coordinates of the new origin will
be subtracted from all the other UTM coordinates entered to form
this new local coordinate system.

Plant north is set to 0.00 degrees with respect to True North.

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PRELIMINARY* GEP STACK HEIGHT RESULTS TABLE
(Output Units: meters)

Stack Name	Stack Height	Stack-Building Base Elevation Differences	GEP** EQN1	Preliminary* GEP Stack Height Value
8JUC1002	20.00	0.00	50.00	65.00
8JUC1003	23.00	0.00	50.00	65.00

* Results are based on Determinants 1 & 2 on pages 1 & 2 of the GEP
Technical Support Document. Determinant 3 may be investigated for
additional stack height credit. Final values result after
Determinant 3 has been taken into consideration.

** Results were derived from Equation 1 on page 6 of GEP Technical
Support Document. Values have been adjusted for any stack-building
base elevation differences.

Note: Criteria for determining stack heights for modeling emission
limitations for a source can be found in Table 3.1 of the
GEP Technical Support Document.

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BPIP output is in meters

SO BUILDHGT 8JUC1002	15.20	15.20	15.20	15.20	15.20	15.20
SO BUILDHGT 8JUC1002	20.00	20.00	20.00	20.00	20.00	15.00
SO BUILDHGT 8JUC1002	15.00	15.00	15.00	15.00	15.00	15.00
SO BUILDHGT 8JUC1002	15.20	15.20	15.20	15.20	15.20	15.20
SO BUILDHGT 8JUC1002	15.20	15.20	15.00	15.00	15.00	15.00
SO BUILDHGT 8JUC1002	29.70	29.70	29.70	29.70	15.00	15.00
SO BUILDWID 8JUC1002	17.64	18.34	19.19	20.19	20.77	20.91
SO BUILDWID 8JUC1002	64.29	64.27	62.30	58.44	52.80	35.58
SO BUILDWID 8JUC1002	39.07	41.37	42.42	42.18	40.66	37.90
SO BUILDWID 8JUC1002	17.64	18.34	19.19	20.19	20.77	20.91
SO BUILDWID 8JUC1002	20.53	19.72	42.90	41.05	37.95	35.58
SO BUILDWID 8JUC1002	6.76	7.37	7.77	7.92	40.66	37.90
SO BUILDLEN 8JUC1002	16.84	14.86	12.61	12.78	13.53	14.07
SO BUILDLEN 8JUC1002	67.94	66.58	63.20	57.90	50.84	27.43
SO BUILDLEN 8JUC1002	32.86	37.30	40.60	42.67	43.45	42.90
SO BUILDLEN 8JUC1002	16.84	14.86	12.61	12.78	13.53	14.07
SO BUILDLEN 8JUC1002	14.29	15.18	37.90	33.99	29.05	27.43
SO BUILDLEN 8JUC1002	6.28	7.02	7.56	7.86	43.45	42.90
SO XBADJ 8JUC1002	-30.92	-32.31	-32.81	-32.87	-32.70	-31.62
SO XBADJ 8JUC1002	-125.03	-129.28	-129.60	-125.98	-118.53	0.22
SO XBADJ 8JUC1002	-4.72	-9.51	-14.02	-18.10	-21.63	-24.50
SO XBADJ 8JUC1002	14.08	17.45	20.19	20.09	19.16	17.55
SO XBADJ 8JUC1002	15.34	12.56	-37.50	-34.67	-30.79	-27.65
SO XBADJ 8JUC1002	-25.07	-25.93	-26.01	-25.29	-21.82	-18.40
SO YBADJ 8JUC1002	14.50	10.96	6.82	2.16	-2.58	-7.25
SO YBADJ 8JUC1002	35.85	19.49	2.55	-14.47	-31.05	12.22
SO YBADJ 8JUC1002	14.53	16.40	17.76	18.59	18.86	18.55
SO YBADJ 8JUC1002	-14.50	-10.96	-6.82	-2.16	2.58	7.25
SO YBADJ 8JUC1002	11.71	15.82	-3.05	-6.10	-8.97	-12.22
SO YBADJ 8JUC1002	4.74	0.86	-3.05	-6.86	-18.86	-18.55
SO BUILDHGT 8JUC1003	20.00	20.00	20.00	20.00	20.00	20.00
SO BUILDHGT 8JUC1003	20.00	20.00	20.00	20.00	20.00	20.00
SO BUILDHGT 8JUC1003	20.00	20.00	20.00	20.00	20.00	20.00
SO BUILDHGT 8JUC1003	20.00	20.00	20.00	20.00	20.00	20.00
SO BUILDHGT 8JUC1003	20.00	20.00	20.00	20.00	20.00	20.00

SO BUILDHGT	8JUC1003	20.00	20.00	20.00	20.00	20.00	20.00
SO BUILDWID	8JUC1003	53.35	45.88	42.43	49.44	54.95	58.79
SO BUILDWID	8JUC1003	60.85	61.05	59.40	55.94	50.79	53.25
SO BUILDWID	8JUC1003	59.78	63.67	65.52	65.38	63.25	59.20
SO BUILDWID	8JUC1003	53.35	45.88	42.43	49.44	54.95	58.79
SO BUILDWID	8JUC1003	60.85	61.05	59.40	55.94	50.79	53.25
SO BUILDWID	8JUC1003	59.78	63.67	65.52	65.38	63.25	59.20
SO BUILDLEN	8JUC1003	55.94	50.79	54.28	59.89	63.67	65.52
SO BUILDLEN	8JUC1003	65.38	63.25	59.20	53.35	45.88	45.70
SO BUILDLEN	8JUC1003	52.92	54.95	58.79	60.85	61.05	59.40
SO BUILDLEN	8JUC1003	55.94	50.79	54.28	59.89	63.67	65.52
SO BUILDLEN	8JUC1003	65.38	63.25	59.20	53.35	45.88	45.70
SO BUILDLEN	8JUC1003	52.92	54.95	58.79	60.85	61.05	59.40
SO XBADJ	8JUC1003	-17.69	-18.94	-24.71	-31.66	-37.65	-42.50
SO XBADJ	8JUC1003	-46.05	-48.21	-48.90	-48.11	-45.85	8.66
SO XBADJ	8JUC1003	3.25	-50.29	-50.87	-49.91	-47.42	-43.50
SO XBADJ	8JUC1003	-38.25	-31.85	-29.57	-28.22	-26.02	-23.02
SO XBADJ	8JUC1003	-19.32	-15.04	-10.30	-5.25	-0.03	-54.36
SO XBADJ	8JUC1003	-56.16	-4.66	-7.92	-10.94	-13.63	-15.90
SO YBADJ	8JUC1003	21.43	22.91	23.40	23.46	22.82	21.48
SO YBADJ	8JUC1003	19.48	16.90	13.80	10.28	6.45	7.92
SO YBADJ	8JUC1003	13.20	-5.82	-9.74	-13.36	-16.58	-19.30
SO YBADJ	8JUC1003	-21.43	-22.91	-23.40	-23.46	-22.82	-21.48
SO YBADJ	8JUC1003	-19.48	-16.90	-13.80	-10.28	-6.45	-7.92
SO YBADJ	8JUC1003	-13.20	5.82	9.74	13.36	16.58	19.30