



Town of Ashland

MASSACHUSETTS

MEETING MINUTES
ASHLAND CONSERVATION COMMISSION
July 2, 2018

1
2 Present: Gene Crouch (Chair)
3 William Moulton (Vice Chair)
4 Carl Hakansson
5 K.G. Narayana
6 Jeff Lingham
7 Cathy Van Lancker
8 Greg Wands
9

10 Absent: Maeghan Dos Anjos (Agent)
11

12 **Call to order: 7:19 P.M.**

13
14 **7:19 NOI, Citizen's Energy, solar arrays at the Nyanza Cap, 0 MBTA Access Road**
15 The file number is 95-0919.
16

17 Emily Byrne from Citizens Energy Corporation gave an overview of Citizens Energy which is
18 a non-profit with a for-profit component, Citizen Solar which is a leader in landfill solar
19 projects. She stated that Tighe & Bond has taken over as the engineering firm in place of Allen
20 & Major Associates. Ms. Mann introduced Jean Christy and Briony Angus as the Tighe &
21 Bond representatives attending the meeting. Ms. Mann gave an overview of the project. There
22 will be 2 solar arrays within the RT\ . Array 1 will be on the superfund site. Array 2 will be on
23 the forested land south of the cap and not in EPA jurisdiction. A total of 17 acres will be
24 developed for the 5.84 MW project will generate revenue for the town for 20 years.
25

26 Ms. Angus said that they are looking for an Order of Conditions and a Stormwater Permit.
27 T&B has received peer review comments but has not responded yet. There is no 25' NDZ
28 impact and the work in the 100' buffer will consist of installation of a few arrays and the
29 electrical conduits and infrastructure. There will be no penetrations of the Nyanza cap. All
30 arrays will be ballasted for Array 1. For Array 2, the trees will be cleared, and piles will be
31 driven to support for the array. CEC will have a lease from the owner and will assume
32 responsibility for management and maintenance of their area. The fence around the Nynaza
33 cap will be extended around Array 2.
34

35 Mr. Hakansson asked if DEP required the first review of the integrity of the cap, and the town
36 will do a 2nd review.
37

38 Ms. Mann responded that DEP and EPA are doing their own separate review and the town will
39 perform a 2nd review for structural issues. GCG has done a stormwater review for planning
40 board. Array 2 is outside out of the trench and outside of delineated Superfund site and not
41 subject to EPA and DEP review.
42

43 Ms. Christy provide information about stormwater issues. There will be no infiltration for
44 Array 1. For the Array 2, the area will go from woods to panels and grass thus causing an
45 increase in runoff. An infiltration basin with an emergency overflow is proposed. They will
46 comply with all stormwater standards. There will be no discharge to BVW. Peak discharge will
47 be handled by the infiltration basin. Operations and Maintenance Plan and SWPPP will be
48 provided.

49
50 Mr. Lingham asked if the water flows from west to east and it will be collected by the basin.

51
52 Ms. Christy responded that a swale will collect and convey stormwater from the north to the
53 infiltration basin. The Array 2 size is approximately 5 acres.

54
55 Ms. Van Lancker asked about the weight of the equipment on the cap.

56
57 Ms. Angus stated that EPA and DEP will look closely at that issue. Access off the access road
58 will be limited to 7 psi.

59
60 Ms. Byrne stated that the Town will be conducting a review on the loading.

61
62 Mr. Lingham talked about the town's concern about additional runoff going into Trolley Brook
63 and old culverts in the town

64
65 Ms. Christy discussed the stormwater peak and volume flows. Peak flow is attenuated except
66 for the 100-year storm. There is one situation in which volume flow will exceed existing
67 volume. That will occur in a 10-year storm event.

68
69 Mr. Couch asked if the Atlas 14 rainfall rate was used and discussed time of concentration.

70
71 Ms. Christy said that they will check on it.

72
73 Mr. Hakansson asked about subsurface installations.

74
75 Ms. Angus stated that some conduit and cable will be underground.

76
77 Mr. Couch stated that the stormwater report indicted TP-40 was utilized for the rainfall data
78 and that Atlas 14 rates are higher.

79
80 Ms. Angus responded that Tighe and Bond will be developing a hydraulic model for the site.

81
82 Mr. Lingham asked if the modeling should follow into the town culverts.

83
84 Ms. Christy stated that if peak and volume are met then there is no requirement to do so.

85
86 Mr. Couch asked what are the design points?

87
88 Ms. Christy responded that the easterly and westerly wetlands were the design points.

89

90 Mr. Crouch brought up the 30-year life of the cap.
91
92 Ms. Mann stated the 30-year cap is for monitoring and EPA has indicated the cap is overbuilt.
93 CEC would like the town to get a direct response from EPA.
94
95 Mr. Crouch asked about the Shell pipeline that goes through the Array 2.
96
97 Ms. Angus said that they are looking to get a response from Shell and will use ballast instead
98 of the piles over the line.
99
100 Mr. Lingham asked about soil testing and soil disturbance.
101
102 Ms. Angus indicated that there should be limited sediment since the H-piles will be driven.
103
104 Mr. Crouch discussed the apartment building construction, and that twice sediment from the
105 site ended up in the MBTA parking lot and there was no phasing for the project.
106
107 Ms. Angus stated that they will address it in their next submittal.
108
109 Mr. Lingham and Mr. Crouch discussed test pits and the need for 2-foot separation from
110 groundwater.
111
112 Ms. Angus stated that they will review GCG comments and provide a response.
113
114 Mr. Lingham made a motion seconded by Ms. Van Lancker to continue the public hearing to
115 7:15 pm on July 23, 2018. Motion passed 7-0-0.
116

117 **Documents Reviewed by the Conservation Commission on 7/2/2018**

- 118 • Conservation Commission Agenda 07-02-2018
- 119 • Notice of Intent, Proposed 5.8MW DC Ground Mount Photovoltaic Solar Array, 0
120 MBTA Roadway (Map 13Lot138) Ashland MA dated May 1, 2018
- 121 • Stormwater Permit, Proposed 5.8MW DC Ground Mount Photovoltaic Solar Array, 0
122 MBTA Roadway (Map 13Lot138) Ashland MA dated May 1, 2018
- 123 • Site Development plans for Ashland Solar, Lot 138 off Megunko RD & MBTA
124 Roadway, dated 05-01-18

125
126 **8:48 Adjournment**

127 Ms. Van Lancker made a motion, seconded by Mr. Narayana to adjourn the meeting.
128 Motion passed 7-0-0.