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APPROVED

MINUTES OF THE MILFORD BOARD OF SELECTMEN MEETING

Work Session With Environmental Protection Agency – November 15, 2010

PRESENT: Tim Finan, Chairman
Gary L. Daniels, Vice Chairman
Mike Putnam, Member
Katherine Bauer, Member
Nate Carmen, Member
Guy Scaife, Town Administrator
Darlene J. Bouffard, Recording Secretary

EPA Representatives: Robin Mungeon
Cheryl Sprague
Manu Sharma
Michael Jasinski
Skip Hull
Richard Pease
Pam Harting-Barrat

1. CALL TO ORDER. The special meeting was called to order by Chairman Finan at 7:00 p.m. who welcomed the representatives of the Environmental Protection Agency here to discuss the Savage Well and Fletcher superfund sites. Chairman Finan introduced Board members and led the audience in the Pledge of Allegiance. Chairman Finan noted that those people in the audience who want to speak or add to the discussion should please use a microphone in order to be heard on the PEG Access live broadcast.

2. DISCUSSIONS. Pam Harting-Barrat thanked the Board of Selectman and Town Administrator for inviting the EPA to present the information about these sites to the town. Ms. Harting-Barrat said the representatives will do their best to answer questions or if answers are not available, will take the questions to address at a future time. Ms. Harting-Barrat indicated the Savage Well site will be presented first and then the representatives will take questions, followed by the discussion moving to the Fletcher site, again followed by questions.

Savage Well Site:

OU1 - Robin Mungeon, NH Program Manager of the Savage Superfund Site for about three years now, indicated there are three areas of discussion: OK Tool Plume Area, Extended Plume Area, and OK Tool Deep Bedrock investigation; plus the five year review. This site was first identified in 1983; the responsible parties were identified in 1994. EPA oversaw the remedy effort up until March 2010, and it has now been transferred to the State of NH. The Extended Plume Area (OU2) has Hitchiner Manufacturing and Hendrix Wire as the program leads. The OU1 (OK Tool Plume Area) remedy was started in 1999; some of the infrastructure is located on town property. The area being treated is a couple of acres in size. Since the remedy began in 1999, well sites are continuing to be sampled in addition to wells being sampled in the general area. The contamination has been reduced, but contamination has also been found outside the slurry walls. Over the next few years, exposures need to be prevented and restricted covenants must be placed on the old police station property and groundwater use controls must be used for that area. Soil excavation was done in both 2008 and 2009; 2,500 yards of soil were excavated and treated on site. Wells outside of the slurry wall are being monitored and the contamination levels have gone down over the years during treatment. There is a downward trend of contamination in the monitoring wells over the past couple years. Aggressive treatment will be done inside the slurry wall for the high concentrations. Within the slurry wall, the concentrations are higher and a solution was identified and reduced contamination; this was done by adding sodium permanganate. Beginning in 2010, it was felt the deep bedrock should also be investigated; therefore the deep bedrock was drilled. There were seven deep bedrock wells installed. Six wells are south of the river and one well is north of the river. Surface geophysics and the pump test are yet to be done. Preliminary results north of the river show high levels of TCE in the bedrock around the slurry wall but not in the residential water across the river or near the fish hatchery property. Pump tests will be done in 2011. The five year review evaluation will be done next year for the entire Savage Well site. The review will determine if the remedies that were implemented are actually protective. A report will be released for which there will be community notification. The EPA will issue this community noti-

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1 fication when the five year review starts. The OK Tool Plume area monitoring is continuing. Bedrock investigation
2 will continue and Robin Mungeon expects more investigative work to be done next year.

3
4 OU2 – Manu Sharma, Environmental Engineer working on OU2, has worked on the Savage Well site for about 9
5 years and is the Project Coordinator of OU2. The OU2 remedy has been operating since 2005 collecting water
6 quality samples. The TCE plume size has been reduced. Over time the plume has been reduced and the primary
7 concern is the TCE contamination. The remedy model predicted the effort to take a certain amount of time, howev-
8 er, the cleanup is progressing faster than those models predicted. Over time the chemicals have also naturally de-
9 creased. The MNA Zone is the active portion of the plume that is being treated with the three wells: EW1, EW2
10 and EW3. After the water is treated, it is injected back into the site and into the river. The TCE has been reduced
11 60% since the remedy start up. The concentration at most locations has declined. The shallow TCE groundwater
12 plume has decreased significantly between 2001 and 2009. The deep TCE groundwater plume also declined signif-
13 icantly between 2001 and 2009. The model-predicted concentrations versus the actual measurements both show a
14 decline. The remedy is ahead of what the model estimated.

15
16 Selectman Putnam asked how deep the monitoring wells are. Mr. Sharma responded the deep wells are 60-90 feet
17 below the surface, but the depths vary - the shallow wells are 15-20 feet below the surface, the intermediate wells
18 are 50-60 feet below the surface and the deep wells are 80-90 feet below the surface, the depths depend on the be-
19 drock and topography. Vice Chairman Daniels asked about the OU1 and OU2 areas north of the river and if that is
20 really not contaminated, is there a point in time where the focus will only be on the south side of the river? Robin
21 Mungeon responded that they want to focus on the deep bedrock that is right across the river and will continue to be
22 evaluated. Vice Chairman Daniels asked if flushing the plume pushes the plume further down river. Mr. Sharma
23 responded that the injected water gets captured by the wells; it is being captured within those systems. Vice Chair-
24 man Daniels asked if the testing sometimes adds a huge spike in the data after a lot of decline over time. Mr. Shar-
25 ma said there can sometimes be seasonal variations like that. Vice Chairman Daniels thought it seemed odd that
26 there was a spike like that in the data. Mr. Sharma said there are variations sometimes in the data. Selectman Put-
27 nam asked if there are any other chemicals being tested for? Ms. Mungeon said they are also testing for other or-
28 ganic substances. Selectman Putnam asked if it could be something that is picked up from the flush through. Se-
29 lectman Carmen asked if the Savage Well will be usable for drinking water. Mr. Sharma indicated the model pre-
30 diction was that it will reach that stage after about 16 years of treatment. That is the prediction originally made.
31 That cannot be pinned down exactly, but the data will help predict it. Ms. Mungeon said the model predicted clean
32 up of the overburden in the bedrock. That is something that must be investigated.

33
34 Chairman Finan asked if there is any soil contamination or are there other by-products? Mr. Sharma responded that
35 the by-products are organic compounds. The toxic by-products are being captured. Vice Chairman Daniels asked
36 what it means that there are “seasonal variations.” Mr. Sharma responded that the seasons cause variations. Be-
37 tween December to the following December there are four rounds of data collected and concentrations vary season-
38 ally. So from December 2008 to December 2009, Vice Chairman Daniels stated the data shows a sharp change in
39 data. Mr. Sharma indicated the level of variation is very normal, there are a lot of factors involved. Chairman Fi-
40 nan asked if the deep bedrock contamination is a surprise. Ms. Mungeon said they thought high concentrations
41 might be found in the bedrock, we knew the deepest concentration was in the lower parts so we had to look at the
42 bedrock. Mr. Sharma noted the bedrock is being studied.

43
44 Guy Scaife said the information provided tonight has been excellent – the TCEs are declining; Mr. Scaife asked
45 what is projected in moving forward, a decreasing rate of decline or the same. Mr. Sharma responded that it is pro-
46 gressing well, if the model is adjusted, the unknown is the bedrock. The model cannot be adjusted yet, that is where
47 the uncertainty lies. Guy Scaife asked about the five year evaluation in 2011, when can Milford expect that report?
48 Ms. Mungeon said the report is due September 2011. Guy Scaife asked if that is when it will be available to the
49 public or at the EPA. Ms. Mungeon indicated it will be available to the public September 2011, there will be a role
50 that citizens in Milford will play, taking part in interviews, etc.; she noted the report will take about six months to
51 compile.

52
53 Guy Scaife brought the discussion back to the questions the Board wished to have addressed which were not ad-
54 dressed in tonight’s presentation. The goal of the remediation at the Savage Well site is to restore the Savage Well;
55 a while back the town had given up on the well but the goal has always been to get the well back up in town; in NH
56 this aquifer is valuable to the state. The process has been very positive to do everything to bring it back on line.
57 Michael Jasinski added that the drinking water protection program has been in contact with Milford’s Water De-

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1 partment, and there is ongoing communication in moving forward and the effort is getting us closer to using that
2 well. When all the pieces are in place, the well will be back on line. Ms. Mungeon added that the town has ex-
3 pressed an interest in selling the old police station site. Guy Scaife suggested if the town enters an agreement with a
4 potential buyer, it would be appreciated if the EPA could step forward with an affirmation statement on the status of
5 the property. Mr. Jasinski would need to consult with the attorney and would need to talk about what the town
6 wants to do. There is infrastructure on the town property that the EPA does not want to lose. Guy Scaife under-
7 stands that the infrastructure must remain and needs to be worked into any agreement.

8
9 Using the old Police station as a staging area for the Fletcher trucks; Guy Scaife indicated the remedy for the
10 Fletcher site needs to have a staging area for the trucks used to transport materials. The current plan is that the old
11 Police Station will be used, however the town does not want to interfere with the Savage remedy. Cheryl Sprague,
12 Fletcher Site Program Manager, indicated if the staging area proposed (old police station) is no longer viable,
13 another alternate location needs to be proposed that would fit the criteria.

14
15 Another question the Town of Milford would like addressed is if the OK Tool remedy affects the Souhegan River or
16 the Fletcher remedy. OU2 for the Fletcher site, has to do with the Souhegan River and if that has any impact to the
17 remedy at Savage, Milford would like to know. Cheryl Sprague does not expect any impact. The last question to
18 be addressed for Savage, said Guy Scaife, is if a public participation schedule has been established. Pam Harting-
19 Barrat indicated as work progresses and it is decided when another public meeting will be held, a notification of that
20 meeting will be sent. If at any time the Board or a resident has a question, they can contact her because the EPA
21 wants to get all the questions addressed. Public participation is ongoing, she hears from residents from all the sites
22 she is responsible for. Guy Scaife asked if there is a schedule published for the public sessions. Ms. Harting-Barrat
23 said there is one. Once the five year report is out, Guy Scaife asked if the notifications will be done. Ms. Harting-
24 Barrat said in 2011 the EPA will contact the town so that the interviews can be set up. The EPA will look for guid-
25 ance from the Town as to who might be involved in that process. Guy Scaife asked for comments or questions.
26 Tom Roy had no questions or comments on this matter. There were no further questions or comments from the
27 public or the Board.

28 29 Fletcher Site:

30 OU1 -

31 Cheryl Sprague, EPA Program Manager of the Fletcher Site, has been working on this project for many years. Ms.
32 Sprague provided an update on what has been done and how the project will move forward. There are two different
33 projects: OU1 (Fletcher Site and Mill Street) and OU2 (Keyes Field and Souhegan River Sediment). In 1987, this
34 problem was identified where there were hundreds of drums found on the property of Fletcher paint. In 1989 the
35 drums were removed. Mr. Fletcher had a relationship with GE for the disposal of PCBs on the site. The contamina-
36 tion being dealt with now was caused by the PCBs and not the paint. The original remedy decision in 1998 was for
37 a cap to be placed and covered by a memorial park. Off-site disposal of the contaminated soil was presented and the
38 town was agreeable. In 2009 the remedy included excavation and off site treatment and disposal. GE designed the
39 remedy but could not be present at tonight's meeting, therefore any questions to be addressed by GE cannot be ad-
40 dressed tonight.

41
42 The Mill Street water table is only 4-6 feet below the surface, so the ground is very saturated and will require de-
43 watering. Phase 1 will address the deep contamination and Phase 2 will address the shallow contamination. Elm
44 and Mill Streets will not be closed at the same time but will require closures. The primary staging area for trucks
45 waiting to be called to the site will be at the old police station. The traffic analysis was updated using 2008 data to
46 address Milford concerns and the truck traffic which will now not include the oval and there will not be a closure of
47 Elm and Mill Streets at the same time. Keyes Drive will be closed, however, Keyes Park will not close, but the traf-
48 fic will have an alternate route for access and egress. There will be approximately 52 truck trips per day; the GE
49 calculation is that traffic through Milford will increase approximately .34% with the truck traffic. There will be an
50 alternate access and egress to Keyes Park and an agreement is in place (Permatech) and will carry forward to future
51 property owners, that their parking area and access to Keyes Park will be utilized in this project. Additionally, a
52 temporary parking area (in Keyes Park) will be established in that vicinity for visitors.

53
54 The amended remedy in 2009, which was recently proposed, is for the use of the contaminated site by the town for
55 overflow downtown parking and walkways. The EPA has not discussed this yet with GE, the use of this site was
56 always planned to be for "recreational use" for the town. A decision was never reached and there is some difficulty
57 in coming up with design remedies for an asphalt cap. The amended remedy includes specs for the asphalt cap.

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1 EPA likes the 40 inch cover as currently designed, GE will be looking at some of the utility corridors that were
2 planned and how it will affect the cap. There is still no resolution. It was stressed with GE that some of the utilities
3 could be designed with back fill (for the slope) to be ready to go. With a parking area on the edge of a slope, a gra-
4 dual slope may be necessary. EPA was to finalize the design in September 2010 but it was redesigned by Milford in
5 August 2010. Details now need to be firmed up. The final draft is due December 31, 2010. Cheryl Sprague thinks
6 that the holdup will be the plans being finalized. It is estimated that this project will take between 15.5 and 26.5
7 months total, once construction begins. The active construction phase will not be done in the winter. In July 2010
8 it was found that Mill Street has a unique flow where the contamination sank into bedrock and contaminated the
9 groundwater from there. There is also the issue of Vapor Intrusion for which an investigation is being conducted.

10
11 OU2 –

12 There are alternatives for OU2 including no action, limited action, capping below the dam and other alternatives.
13 The OU2 schedule includes FS screening in February/March 2011, in September 2011 a decision is expected which
14 may work into the dam work being done. Chairman Finan asked for questions. Selectman Carmen asked about the
15 corridor map and if the current plan with the parking lot with a slope noting with the current agreement Milford can
16 do what we want, but could there be a compromise to address the slope while still having the parking? Ms. Sprague
17 responded that it is what the grade must be brought up to, the grade increases – GE has to look at how it will impact
18 the river. GE may want to leave the walkways as they are, but they may not. Selectman Carmen asked how much
19 time delay could be caused. Ms. Sprague responded the most important timeframe is the excavation, we might be
20 able to move forward without having the parking lot issue resolved. She cannot speak to it because GE needs to
21 provide input; detailed drawings were provided to GE and she is waiting to hear from GE. Vice Chairman Daniels
22 asked if any of the walkway areas will need to be excavated for the cleanup. Ms. Sprague could not tell on the maps
23 in the presentation if the excavation is in those areas, when looking at the final design she noted there is not a lot of
24 room. Vice Chairman Daniels asked if GE will be responsible to build the walkways. Ms. Sprague said they are
25 not, that is not their requirement, that is the towns. Chairman Finan asked about the lawsuit referred to in the pres-
26 entation, until that is settled, is there any chance the schedule will stop? Ms. Sprague said that schedule does not get
27 affected, all the lawsuit does is see if GE is liable, but the schedule will not change. Michael Janiski indicated the
28 litigation has taken a lot of Ms. Sprague’s time away from moving the design forward. (Litigation) has been a large
29 effort that has taken up significant time.

30
31 Chairman Finan asked if dam removal might affect the OU2 effort. Ms. Sprague said it will increase the flow, but
32 there is no understanding yet of where the most sediment in the river is, there is not a lot of debris but we do not see
33 high contamination near the Goldman Dam. They might do a shallow clean up but there is not a lot of sediment to
34 collect. Chairman Finan asked for other questions. Guy Scaife noted many of the Board’s questions were answered
35 in the presentation, however one question regarding road damage was not addressed. The town is concerned about
36 the road damage that may occur due to truck traffic. Ms. Sprague said if any damage is caused by the contractor, it
37 will be repaired, the contractor must also provide weight limits, it is a unique technology that can be monitored on
38 roadways, and it is a way to analyze the road before and after construction. Guy Scaife wants to be sure the side-
39 walks follow the town standards. Ms. Sprague understands the town standards are referenced in the documents
40 (specs). Guy Scaife would like Ms. Sprague to assist the town in driving that point. Guy Scaife would like to make
41 sure that the town standards are referenced.

42
43 Guy Scaife indicated the 1998 decision for a 40 inch cover is something the EPA is in favor of, the town has been
44 clear that it has a need for additional parking. GE was pushing for a cap or asphalt, but not both. Is that an area that
45 Ms. Sprague can push for? Ms. Sprague said there is not just one remedy to consider, to go back to where this was
46 in 2005 does not make sense. Guy Scaife said Keyes Park will be impacted, and the construction period will be in
47 spring and fall, in the final stretch of construction, can Milford have input on when that happens and that it does not
48 impact any town activities (such as July 4th). Ms. Sprague cannot answer that, if there is an excavation open, it can-
49 not be left like that, that is something to discuss with GE and ensure that it works with the town schedule. Guy
50 Scaife brought up noise, dust, etc. and the ability to monitor and react to problems as they arise. Ms. Sprague said
51 there will be a person in charge of monitoring those activities. Alarms will go off if the noise exceeds the limit, etc.
52 Ms. Sprague said there will be odor, as there is with any excavation.

53
54 Guy Scaife asked if there are special needs for emergency response or will that be up to GE to provide training to
55 local emergency offices. Ms. Sprague said they go hand in hand and they will meet with the local emergency offi-
56 cials. Guy Scaife asked about affirmative action and if there will be use of local contractors. Ms. Sprague cannot
57 direct GE on who to contract, they have special requirements that must be met. Ms. Sprague cannot mandate that

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1 for GE. Guy Scaife asked Tom Roy if he had any additional thoughts or questions. Tom Roy asked Ms. Sprague
2 and Ms. Mungeon if a copy of the Powerpoint presentation could be shared. Ms. Sprague said she could make that
3 available. There were no further questions.

4
5 Chairman Finan thanked all who attended this meeting.

6
7 **3. ADJOURNMENT.**

8
9 There being no further business to come before this Meeting, Selectman Putnam moved to adjourn at 9:25 p.m.;
10 seconded by Selectman Carmen. All were in favor, motion passed 5/0.

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13 _____
14 Tim Finan, Chairman

Mike Putnam, Member

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17 _____
18 Gary Daniels, Vice Chairman

Katherine Bauer, Member

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21 _____
22 Nate Carmen, Member