

Washington State Department of Ecology

Stakeholder Involvement Meeting Notes

Grays Harbor Paper LP Mill

Tuesday, October 16, 2007

6:30-9:30 pm

- I. Welcome and Introductions
 - 1) Ecology
 - 2) Earth Economics
 - 3) Grays Harbor Paper LP

- II. Current mill activities
 - 1) Grays Harbor Paper presentation by Bob Brennan
 - i) Thanked Grays Harbor PUD for support on projects
 - ii) Currently has an energy engineer on site evaluating systems
 - iii) Paper produced is fossil fuel free (with the exception of propane for forklifts)
 - iv) Selling high recycled content paper like Harbor 100 is a good move for the environment
 - v) The mill is always evolving to do a better job

- III. Overview of meeting agenda

- IV. Introduction of the project
 - 1) What is it?
 - i) A comprehensive analysis of an industrial facility's impact on the community
 - ii) An analysis in the form of a scoring system for the Pulp and Paper industry
 - 2) An analysis of another sector is planned
 - i) We have been contacted by and discussed the opportunity with Glacier NW, a concrete/asphalt/aggregate company
 - 3) Energy Challenge
 - i) Initially was just going to look at electricity usage, but is now going to be a carbon footprint analysis
 - 4) Final Report
 - i) Will include recommendations for future efforts utilizing the information that we learn and the analysis we create
 - 5) Budget
 - i) Total budget is \$254,265 with \$182,105 of that amount funded by an EPA grant and \$72,160 funded by Ecology. Of the total amount, the consultant team contract is \$100,000.
 - 6) Milestones
 - 7) Web page

- i) Contains background information, most recent quarterly reports to EPA and the full milestone chart
- V. General question and answer session
- i) None
- VI. Participation in indicator development
- 1) Description on indicator concept and examples
 - i) The indicators are groups or sets of impacts that the mill has, socially, environmentally and economically. We are going to come up with big picture concepts that are indicators, but we need to break those down into measurable pieces.
 - ii) Examples from the group:
 - (a) Long term jobs provided because resources are being used wisely rather than exhausted, environmental compliance record, carbon footprint impact, fuel usage, water usage, employee satisfaction
 - iii) Examples of moving from ideas (qualitative) to *measurable* (quantitative) indicators:
 - (a) Social – for assessment of how well mill performance meets needs of employees/community, a potential indicator would be percentage of stakeholders “satisfied” with performance;
 - (b) Environmental – for evaluating the extent to which mill performance contributes to global climate change, a potential indicator would be total carbon emissions/footprint.
 - (c) Economic – for determining the extent to which the mill helps to build the local economy, a potential indicator would be the number of local jobs provided.
 - (d) For each of these three categories there are many other possible areas of assessment or analysis, each standing as a *set* of several potential indicators (e.g. for example C above another indicator in the set might be % of supply chain from local sources).
 - 2) Task clarification and discussion
 - i) Question: How do we define an “economic indicator”? Just economics for the mill or how the community is affected by the mill’s presence? This has both social and economic implications. How are we going to define those cross-overs?
 - (a) Answer: Local is being defined as “Washington State”. We need representative indicators for the community. Some indicators may not be used. We are more than likely going to be doing a phased approach.
 - 3) Small group brainstorming (see Appendix A below for brainstorm results).
 - i) Social Indicators
 - ii) Environmental Indicators
 - iii) Economic Indicators
 - 4) Report back to large group
 - i) David Quigg for group 1

ii) Ron Pinnick for group 2

VII. Presentation of the Industrial Footprint Project's draft indicator list created by collaboration between Ecology and Earth Economics.

VIII. Break

IX. Collaborative preference ranking of indicators

- 1) This portion of the event provided an opportunity to review the combined list of indicators including both the indicators brainstormed by stakeholders earlier in the agenda and the draft indicator list prepared by the Department of Ecology in discussion with mill representatives and the Earth Economics consultants. Participants were each provided with six (6) dot stickers, two (2) for each indicator category (social, environmental, economic) that were then applied to those indicators that each stakeholder felt was most important for reporting (see Appendix A below for combined list of indicators with rankings noted). Stakeholder participants were asked not to place more than one dot per indicator.

X. Full group discussion

- 1) What other issues or opportunities do you see for mill participation in the Industrial Footprint Project?
 - i) Barriers/Questions?
 - (a) What is the intent of this project? Who will benefit?
 1. This is a voluntary project. Ecology would like to know where to use its resources best. Greenhouse gases/climate change are important and we and the mills would like to be prepared for what is to come in that arena. The mills will be able to have an analysis of their resources and know where to put their dollar as well. We are also looking at incentives for the mills to encourage beyond compliance and support better stewardship to the environment and community.
 - (b) Mills that go through the process should get some sort of certification or recognition that the consumer will recognize and therefore choose to purchase.
 1. Description of Ecology's Beyond Waste/EnviroStars Program given as an example of what Ecology can do, though we are not looking at a tiered program like they have. We are definitely looking at incentives. Incentives we have looked at to date include: reducing permit fees (we were told that we can not do this) and reissuing 10 year permits rather than 5 year. We are going to define a baseline and compare it to future years so that we can measure improvement in the future.
 - ii) Indicator scoring and tracking change over time
 - (a) Would the score going up or down better reflect to the community the shrinking of a footprint?

1. The final score going to 100 would be better. Having a 100% on a test is better than a zero. But there are trade offs – water usage closer to zero would be better understood by the community as improvement.
 2. The project should have the mills competing against themselves only for improvement and should not compare the mills to each other, as they all have such different processes and products.
- iii) Proposed strategies for performance improvement
- (a) Would it be ok to have alternative operating parameters different than what is accepted by regulation?
 1. Direct ones are industry standard and that should be done. But there are some indicators that can't be measured that way, and we need to remember cost and safety for gathering data on these new parameters.
- iv) Index or group of indicator categories preferred?
- (a) Performance indexing was suggested.
 - (b) Sustainability circles were discussed.
- v) Other possibilities for sustainability innovation?
- vi) Any improvement strategies?
- 2) Summary and conclusion
 - 3) Reviewed progress of the evening.
 - 4) Web page updates
 - i) The web page is regularly updated. If you would like to be contacted when updates are made, please make sure that you information is on the sign-up sheet by the door.
 - ii) Our contact information is on the web page. If you have questions or comments that you would like to make about the project or the meeting, please feel free to contact us.
 - 5) Survey/Online comment form
 - i) This will be posted on October 31, 2007.

XI. Thanks and closing

For more information, the latest project updates and links to our online survey or to contact project representatives, please visit the Industrial Footprint project page on the Washington State Department of Ecology web site:

<http://www.ecy.wa.gov/programs/swfa/industrial/IndFootprint.html>

Appendix A – Combined Indicator List (Draft List and Stakeholder Brainstorm)

The following indicator data represents indicators from (a) the Industrial Footprint Project draft indicator list, and (b) stakeholder brainstorming at the Gray’s Harbor LP Paper Mill event. Indicators have been sorted first by these two sources, then by indicatory category, noted “SOC” for social, “ENV” for environmental and “ECO” for economic. Indicator sets were not noted by stakeholders in every case, as is the case for indicators from the draft indicator list. Further stages of data analysis and integration will include development of an indicator set typology.

The rank column values denote the number of participants who place a high level of importance on a particular indicator through the dot ranking process described in stakeholder involvement meeting minutes; as such, higher numbers indicate a greater level of importance from the a general stakeholder perspective. In total, economic indicators were most commonly noted for importance with 17 instances of stakeholder ranking, environmental following with 16 instances and social with 15 instances of stakeholders noting importance of specific indicators.

Source	Rank	Category	Set	Indicator
stakeholders		SOC	Community complaints	total
stakeholders	1	SOC	Community education	participation with educators
stakeholders		SOC	Community education	outreach and seminars
stakeholders	4	SOC	Community involvement	overall
stakeholders		SOC	Community involvement	\$, wages, donations
stakeholders		SOC	Community involvement	employee involvement
stakeholders		SOC	Community involvement	team member involvement
stakeholders		SOC	Complaints	total #
stakeholders		SOC	Complaints	type
stakeholders		SOC	Complaints	persistence
stakeholders		SOC	Donations to community	financial
stakeholders		SOC	Donations to community	in-kind
stakeholders		SOC	Donations to community	time
stakeholders		SOC	Forest product industry image	education
stakeholders		SOC	Forest product industry image	public speaking
stakeholders		SOC	Forest product industry image	mill tours
stakeholders	5	SOC	Health and safety	overall performance
stakeholders		SOC	Health and safety	injury rate
stakeholders		SOC	Health and safety	wellness programs and benefits
stakeholders		SOC	Health and safety	awards and community recognition
stakeholders		SOC	Health benefits	as whole
stakeholders		SOC	Health benefits	part time versus full time
stakeholders		SOC	Jobs	summer programs funding
stakeholders		SOC	Jobs	direct/indirect
stakeholders		SOC	Jobs	retention
stakeholders	1	SOC	Professional advancement	retention
stakeholders		SOC	Professional advancement	demographics
stakeholders		SOC	Professional advancement	community trends
stakeholders		SOC	Professional advancement	compensation
stakeholders		SOC	Retirement benefits	401(k)
stakeholders		SOC	Safety	incidents
stakeholders		SOC	Safety	loss time
stakeholders		SOC	Safety	age of workforce compared to other industry
stakeholders		SOC	Safety	emergency management or safety plan
stakeholders		SOC		organization and associations
stakeholders		ENV	Air	what are we putting out

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stakeholders		ENV	Air	% permit allowance
stakeholders		ENV	Chemical use	chlorine
stakeholders		ENV	Chemical use	per ton product
stakeholders		ENV	Energy	biomass steam/power
stakeholders		ENV	Energy	reduction
stakeholders	1	ENV	Energy, water air	total volume
stakeholders		ENV	Energy, water air	fuel mix
stakeholders		ENV	Energy, water air	efficiency
stakeholders		ENV	Energy, water air	conservation
stakeholders		ENV	Energy, water air	programs and policies
stakeholders		ENV	Energy, water air	compliance v. proactive
stakeholders		ENV	Energy, water air	timeframe
stakeholders		ENV	Materials	where are the coming from?
stakeholders		ENV	Materials	sustainability
stakeholders		ENV	Materials	input origin
stakeholders		ENV	Materials	recycled content
stakeholders		ENV	Materials	toxicity
stakeholders		ENV	Supply chain	up/down stream suppliers
stakeholders	1	ENV	Waste	volume
stakeholders		ENV	Waste	type
stakeholders		ENV	Waste	toxicity
stakeholders		ENV	Waste	disposal method
stakeholders		ENV	Waste stream	land fill
stakeholders		ENV	Waste stream	recycled
stakeholders		ENV	Water	fishing/recreation
stakeholders		ENV	Water	quality
stakeholders		ENV	Water	
stakeholders	1	ENV	Wood pulp source	certified (FSC, SFI)
stakeholders	1	ENV	Wood pulp source	recycled
stakeholders		ENV		fossil fuels
stakeholders		ENV		product lifecycle
stakeholders	2	ENV		% recycled products sold
stakeholders	1	ECO	Capital	age of equipment
stakeholders	1	ECO	Capital	depreciation vs. investment
stakeholders		ECO	Capital	research and development
stakeholders		ECO	Capital	marketshare
stakeholders		ECO	Financial	grants, loans (gov/private)
stakeholders		ECO	Financial	outside investment
stakeholders		ECO	Financial	scholarships/internships
stakeholders		ECO	In-kind	facilities
stakeholders		ECO	In-kind	volunteering
stakeholders	6	ECO	Jobs	number created additional
stakeholders		ECO	Jobs	local economy/materials
stakeholders		ECO	Jobs	direct/indirect
stakeholders		ECO	Jobs	% of population (unemployment)
stakeholders	1	ECO	Jobs	number of employees (direct/indirect)
stakeholders		ECO	Jobs	\$ pay + benefits= total compensation
stakeholders	2	ECO	Product sourcing	bought locally/regionally
stakeholders		ECO	Re-investment in facilities	total
stakeholders		ECO	Sales	production gains
stakeholders		ECO	Taxes	in community
stakeholders		ECO	Taxes	outside
stakeholders		ECO	Wages	total
stakeholders	1	ECO	Wages	average/median
stakeholders		ECO	Wages	local average
stakeholders	2	ECO		business synergies

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draft list		SOC	Environmental justice	environmental justice
draft list		SOC	Environmental nuisance	traffic
draft list		SOC	Environmental nuisance	noise
draft list		SOC	Environmental nuisance	odor
draft list		SOC	Environmental nuisance	dust
draft list		SOC	Environmental nuisance	lights
draft list		SOC	Environmental nuisance	vibrations
draft list		SOC	Human rights	good and fair treatment of employees
draft list		SOC	Human rights	ethical behavior
draft list		SOC	Human rights	equal opportunity employment
draft list	4	SOC	Labor practices	general
draft list		SOC	Labor practices	jobs provided to community
draft list		SOC	Labor practices	wage and employee benefits
draft list		SOC	Labor practices	turn over rate
draft list		SOC	Labor practices	diversity
draft list		SOC	Labor practices	internal advancement versus external hire
draft list		SOC	Labor practices	employee input on changes implemented
draft list		SOC	Safety	number of accidents
draft list		SOC	Safety	lost time due to injury
draft list		SOC	Safety	history of OSHA compliance
draft list		SOC	Safety	exercise room on site
draft list		SOC	Social awards	received for social, ethical and environmental performance
draft list	2	ENV	Air	general
draft list		ENV	Air	greenhouse gases
draft list		ENV	Air	SOX
draft list		ENV	Air	NOX
draft list		ENV	Biodiversity	natural habitat protection
draft list		ENV	Biodiversity	conservation
draft list		ENV	Biodiversity	restoration
draft list	3	ENV	Energy	general
draft list		ENV	Energy	electricity usage
draft list		ENV	Energy	renewable sources
draft list		ENV	Energy	efficiency
draft list		ENV	Energy	conservation
draft list		ENV	Energy	cogeneration
draft list	1	ENV	Environmental justice	
draft list		ENV	Materials	local origin
draft list		ENV	Materials	certified forest products
draft list	3	ENV	Materials	recycled/reused materials
draft list	1	ENV	Regulatory	compliance
draft list		ENV	Remediation	projects
draft list		ENV	Waste	amount produced
draft list		ENV	Waste	proportion recycled/composted
draft list		ENV	Waste	hazardous waste
draft list		ENV	Water	water usage
draft list		ENV	Water	impact on ecosystems
draft list		ENV	Water	TSS
draft list		ENV	Water	AOX
draft list		ENV	Water	BOD
draft list	3	ECO	Community Involvement	general
draft list		ECO	Community Involvement	donations
draft list		ECO	Community Involvement	contributions to non-profits
draft list		ECO	Community Involvement	education to local community

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draft list		ECO	Community Involvement	internships
draft list		ECO	Community Involvement	membership in local committees
draft list		ECO	Community Involvement	support of mill families
draft list		ECO	Cost of goods/services	total cost of goods/services
draft list		ECO	Cost of goods/services	% goods/services procured locally
draft list		ECO	Cost of goods/services	payroll
draft list		ECO	Cost of goods/services	benefits
draft list		ECO	Cost of goods/services	taxes
draft list		ECO	Cost of goods/services	financing