



Parks, Recreation and Cultural Services Committee

Date: Tuesday, March 24, 2015

Place: Anderson Room
Richmond City Hall

Present: Councillor Harold Steves, Chair
Councillor Ken Johnston
Councillor Carol Day
Councillor Bill McNulty
Councillor Linda McPhail
Mayor Malcolm Brodie

Call to Order: The Chair called the meeting to order at 4:00 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Parks, Recreation and Cultural Services Committee held on Tuesday, February 24, 2015, be adopted as circulated.

CARRIED

NEXT COMMITTEE MEETING DATE

Tuesday, April 28, 2015, (tentative date) at 4:00 p.m. in the Anderson Room

COUNCILLOR HAROLD STEVES

1. **RESTOCKING CHUM SALMON**
(File Ref. No.)

The Chair referenced comments from Biologist Otto Langer (attached to and forming part of these minutes as Schedule 1) and spoke of the options to restock chum salmon in the Terra Nova Slough.

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Discussion ensued with regard to the historical First Nation fishing sites in Richmond and the Chair referenced a newspaper article titled "Sites of villages fill gaps in native lore" (attached to and forming part of these minutes as Schedule 2) that lists the sites of First Nation villages in the Lower Mainland.

In reply to queries from Committee regarding a previously proposed project for stocking salmon in the Terra Nova Slough, Mike Redpath, Senior Manager, Parks, advised that in 2004, the proposed project's design sloped to support tidal action. He spoke on its estimated construction costs, noting that although it went to tender in 2009, it was later cancelled by the City.

Discussion ensued regarding the viability of the previously proposed project and the design options to accommodate the tidal flow and connect the Slough to the city's dike system.

In reply to queries from Committee, Mr. Redpath advised that the proposed project would require a Capital submission to proceed.

Discussion further ensued and Committee expressed concern regarding the gravel in the Slough, as it may no longer be useable for a salmon habitat.

In reply to queries from Committee regarding upcoming Capital projects, Cathryn Volkering Carlile, General Manager, Community Services, noted that a list of proposed City Capital projects is anticipated by the end of the year and that staff will assess current and proposed projects by early 2016. Ms. Carlile added that the projects listed do not relate to park development.

Discussion took place with regard to the proposed design and water temperature of the Slough and in reply to queries from Committee, Mr. Redpath advised that the Slough was designed to connect with the Fraser River to respond to tidal flow.

Discussion then ensued on the viability of the previously proposed plan and its place on the capital submissions list.

A video (copy on file, City Clerk's Office) was presented showing spawning salmon in Still Creek in Vancouver, BC.

Discussion ensued with regard to flushing the canals and the use of flood gates prior to the use of pump stations along the City's dikes.

It was moved and seconded

- (1) That staff explore the establishing of a salmon spawning slough at Terra Nova and stocking it with Chum Salmon fry as planned, and further, consider what other sloughs have the potential for daylighting and stocking with Chum Salmon; and***
- (2) That the information and videos provided by Metro Vancouver on how the Still Creek salmon run was established be referred to staff.***

CARRIED

COUNCILLOR LINDA McPHAIL

2. RIVERSHED SOCIETY OF BC 2015 FRASER RIVER SWIM RELAY
(File Ref. No.)

Discussion ensued with regard to correspondence received from the Rivershed Society of BC and the Richmond Blue Dot Campaign to promote the 2015 Fraser River Swim Relay in September 2015, which also marks the 20th anniversary of Fin Donnelly's first swim down the Fraser River.

Discussion then took place with respect to the City taking part in an event to promote the 2015 Fraser River Swim Relay in September 2015.

It was moved and seconded

- (1) That Committee endorse the possibility of holding an event on/or around September 25, 2015 at McDonald Beach in conjunction with the Rivershed Society of BC 2015 Fraser River Swim Relay; and*
- (2) That staff look at opportunities for partnering with the Richmond Blue Dot team, the Rivershed Society of BC, the Richmond School District, and others.*

CARRIED

COMMUNITY SERVICES DIVISION

3. 2015 RICHMOND FILM OFFICE ANNUAL REPORT
(File Ref. No. 08-4150-09-01) (REDMS No. 4492082 v. 4)

In reply to queries from Committee, Jodie Shebib, Film and Major Events Liaison, advised that (i) major film studios such as the Walt Disney Company do film on location in Richmond, (ii) filming for upcoming major motion pictures is planned to take place in the city, (iii) the City is currently working with the BC Film Commission to promote Richmond on a global scale, (iv) the City is collaborating with other municipalities in the Lower Mainland to streamline the permit process, and (iv) potential film sites are photographed and inventoried.

Discussion ensued with regard to promoting film sites through signage.

In reply to a query regarding the costs of security to secure filming sites, Ms. Shebib noted that studios have the option of using private security firms or the RCMP for site security; however the RCMP may be required when firearms are used in filming. Also, she noted that RCMP costs are recovered by the City.

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It was moved and seconded

That the staff report titled 2015 Richmond Film Office Annual Report, dated March 6, 2015, from the Director, Arts, Culture and Heritage Services, be received for information.

CARRIED

4. PUBLIC PARKS AND SCHOOL GROUNDS REGULATION BYLAW NO. 8771

(File Ref. No. 06-2345-00; 12-8060-20-008771/009139/009140) (REDMS No. 4168989 v. 17)

In reply to queries from Committee, Mr. Redpath advised that the Public Parks and School Grounds Regulation Bylaw No. 8771 has not been updated in 15 years and as such, the proposed bylaw amendments do not necessarily require an increase in the number of Bylaw Officers.

In reply to queries from Committee with regard to violation fines, Beayue Louie, Park Planner, advised that the fines are comparable to those of other municipalities in the Lower Mainland and are proportional to the risks associated with the violations committed.

In reply to queries from Committee, Mr. Redpath advised that the City consulted with Richmond School District No. 38 on the matter and the District has a bylaw which permits the City to continue enforcement on District grounds.

Staff were directed to provide Council with the number of Bylaw Officers currently employed by the City and of those of the past.

Discussion then ensued regarding the types of violations and Mr. Redpath noted that the staff report has included a summary explaining the basis of the proposed amendments.

It was moved and seconded

- (1) That Public Parks and School Grounds Regulation Bylaw No. 8771 be introduced and given first, second and third readings;*
- (2) That Municipal Ticket Information Authorization Bylaw No. 7321, Amendment Bylaw No. 9139, be introduced and given first, second, and third reading; and*
- (3) That Notice of Bylaw Violation Dispute Adjudication Bylaw No. 8122, Amendment Bylaw No. 9140, be introduced and given first, second, and third reading.*

CARRIED

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5. **NEW CITY MULTICULTURAL FESTIVAL - NAMING**

(File Ref. No. 11-7400-01) (REDMS No. 4527232 v. 4)

Bryan Tasaka, Manager, Major Events and Film, briefed Committee on the proposed name for the new multicultural festival, noting that (i) after consultation, staff are proposing the name *Lulubaloo – Richmond World Festival* for the event, (ii) corporate partners support the proposed name and have committed funds for the event, and (iii) the event is scheduled for September 5, 2015.

Discussion ensued with regard to (i) alternative names, (ii) consultation and feedback from cultural groups in the city, and (iii) the marketability of the proposed name.

In reply to queries from Committee, Mr. Tasaka advised that a staff team shortlisted potential names and included the word “World” in an effort to recognize the event’s multicultural theme.

Discussion ensued with regard to public’s familiarity with the term “Lulu” and the potential for the public to perceive the event to be exclusively for Richmond residents. In reply to queries from Committee, Mr. Tasaka advised that the event will be broadly promoted including to residents of other municipalities.

In reply to queries from Committee, Ms. Carlile noted that staff consulted with various community groups and the proposed name of the event was well received.

Discussion took place with respect to the (i) multicultural appeal of the proposed event’s name, (ii) marketability of the proposed name, (iii) sponsors committed to the event, and (iv) possible name alternatives.

It was moved and seconded

That the name, Lulubaloo – Richmond World Festival be approved as the name for the City’s new multicultural festival scheduled for September 5, 2015, at Minoru Park.

DEFEATED ON A TIE VOTE

Opposed: Mayor Brodie
Cllrs. Day
McNulty

Discussion ensued with regard to Committee procedures as it relates to reaching a consensus on a name for the event.

In reply to queries from Committee, David Weber, Director, City Clerk’s Office, advised that, in the event that Committee defeats a motion, the item would proceed to Council without a recommendation. He added that should Committee pass a recommendation, the item and Committee’s recommendation would then proceed to a Council meeting.

As a result of the discussion, the following **referral** was introduced:

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It was moved and seconded

That the staff report titled New City Multicultural Festival – Naming, dated March 5, 2015, from the Director, Arts, Culture and Heritage Services, be referred back to staff to:

- (1) review the proposed name for the new City Multicultural Festival; and*
- (2) consult with cultural community groups and other stakeholders on the proposed name for the new City Multicultural Festival; and report back.*

CARRIED

6. RICHMOND PUBLIC ART PROGRAM 2014 ANNUAL REPORT AND PUBLIC ART ADVISORY COMMITTEE 2015 WORK PLAN

(File Ref. No. 01-0100-30-RPAR1-01) (REDMS No. 4526352 v. 5)

It was moved and seconded

That the Richmond Public Art Advisory Committee 2015 Work Plan, as presented in the staff report titled Richmond Public Art Program 2014 Annual Report and Public Art Advisory Committee 2015 Work Plan, dated March 4, 2015, from the Director, Arts, Culture and Heritage Services, be approved.

The question on the motion was not called as in reply to queries from Committee, Eric Fiss, Public Art Planner, noted that the budgetary figures are in part based on the completion of the art projects, noting that not all of the projects included will be completed by the end of the fiscal year.

Discussion ensued with regard to installing more functional public art in the city.

Committee acknowledged and thanked the Richmond Public Art Advisory Committee for their work.

The question on the motion was then called and it was **CARRIED**.

7. MANAGER'S REPORT

(i) Spring Break Camps

David Ince, Manager, Community Recreation Services, commented on the various youth and children camps offered over spring break, noting that there have been approximately 2,200 registrations.

(ii) Terra Nova Preschool

Mr. Ince spoke of the Nature Preschool at Terra Nova, noting that all spaces have been filled.

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(iii) Minoru Turf Field and Baseball Diamond

Marie Fenwick, Manager, Parks Programs, noted that turf upgrades for Minoru Park will be completed on April 11, 2015. She added the season opening schedules of sports groups are being finalized and that staff will update Council as information arises.

Mr. Redpath commented on upgrades to the baseball diamond at Minoru Park, noting that the upgrades are nearing completion.

(iv) Wakayama Cherry Blossom Festival

Ms. Fenwick advised that the commemoration of the Wakayama Kenjin Kai's 50th Anniversary will be held on March 27, 2015 at 11:00 a.m. at Garry Point Park.

(v) Sheer Boom

Discussion ensued with regard to debris collecting inside of the Steveston Channel as a result of a damaged sheer boom and photographs of said debris were referenced (attached to and forming part of these minutes as Schedule 3).

As a result of the discussion the following **referral** was introduced:

It was moved and seconded

That staff examine the repair of the sheer boom in the Steveston Channel and report back.

The question on the referral was not called as discussion ensued regarding (i) the debris collecting on City land, (ii) the temporary sheer boom installed in the Steveston Channel, and (iii) the jurisdiction responsible for maintaining the sheer boom.

Dave Semple, General Manager, Community Services, noted that staff can examine the Steveston Harbour Authority's role in maintaining the sheer boom as well as the costs of repairing said boom and report back to Committee.

The question on the referral was then called and it was **CARRIED**.

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (5:10 p.m.).

CARRIED

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Certified a true and correct copy of the Minutes of the meeting of the Parks, Recreation and Cultural Services Committee of the Council of the City of Richmond held on Tuesday, March 24, 2015.

Councillor Harold Steves
Chair

Evangel Biason
Auxiliary Committee Clerk

Comments by Otto Langer

Carol - I have looked at the agenda RE **putting chum salmon into Terra Nova Slough**. I have also commented on this idea some years ago. It keeps coming up like the moon over the past 3 decades! I will therefore provide a complete response and hopefully end the myths and wishful thinking surrounding this project.

All 5 species of our salmon do not spawn in mud ie clay silt and sand that is 100 percent of the material that makes up at least the upper few hundred feet of Lulu Island ie Richmond. Salmon need cold and clean water and a gravel bed to spawn in - that is a certainty. None of this exists in the Fraser River Sloughs and Terra Nova Slough is especially bad in that it is designed as a pond and if called a slough it is largely cut off from the river. The river does not have free access to the Terra Nova Slough other than when a relatively small pipe is opened up.

However sloughs are good to excellent habitat for chum and Chinook fry to rear in. If you put chum fry into the TN Slough they would be trapped and largely be blue heron food. If you put chum salmon into the slough and if a few did get out they will want to come back here to spawn and there is no way they can get back into the slough and if they could get into the slough where do they spawn - there is only mud and not gravel with good water flow. If the slough has been radically rebuilt in the past year to allow free water movement into the slough from the river, I am totally unaware of that

When salmon spawn they wash the gravel out with their tails ie create a redd / nest. They then deposit their eggs in that redd and cover them up with their washed / cleaned gravel. Here the eggs will sit buried about 30cm deep for 4-5 months depending on water temperature. During this period the eggs must have water circulating over them ie from a river flow or a well oxygenated spring below the redd. In the Terra Nova area the springs are indeed probably toxic due to natural gases in them making them toxic and anaerobic (no oxygen in the water). If the eggs do not get a free flow of water around them they cannot get the oxygen they need and will suffocate. Also the water flow is needed to remove metabolic wastes ie ammonia and carbon dioxide. If the ammonia builds up due to lack of water flow, the eggs die. The worst possible location therefore for eggs would be in fine sediments ie mud! The mud blocks all water flow around the incubating eggs. Most salmon-trout-char type fish would not be silly enough to spawn in such a habitat.

You can trust my opinion on this matter in that I have been an expert witness on this issue in courts all across Canada about 60 times ie on the deleteriousness of

sediment on salmonids and their habitat. However, in that I know Harold is talking about chum -- chum salmon in BC do spawn in the lower reaches of most of our rivers (like in the Fraser in the Chilliwack area) and they do spawn in gravel that is often more 'dirty' (more fines or sediments in the gravel) than sockeye would spawn in such as on the Adams River. As a result, chum salmon egg survivals in nature is often lower and it is the species of salmon that most often does have the lowest level of production ie adults produced for the amount of eggs spawned. In Squamish the chum do spawn in gravel that looks muddy but those spawning areas which some will call a slough does have a good supply of spring water from below the gravel bed. When I did research in Jones Creek near Hope, gravels that were filled with sediment (looked muddy) had survival so as little as 5%. When the same gravel was cleaned and washed, the survival was over 80%.

If you want chum in TN slough you would have to rebuild the intake of the Terra Nova Slough so water can freely flow into it with each outgoing tide. The upper part of the slough would have to be built with a gradient into it (an not just a pond as it now it) and that new channel would have to be filled with gravel. Then some fry could be put into the slough and hope for the adults to return in about 4 years. The adults (big fish - 10 pounds) would need to get into that gravel channel so would need good access - will Richmond allow a good flow through their dyke ie flood risk issue? Also the fry from any eggs spawned there would have to get out of that channel the next spring ie they have to move downstream. The channel is now largely dead ended. You would have to redesign the bottom end so it could empty onto Sturgeon Bank with a good ongoing flow of water.

To make the channel work you may have to put pumps into the river to get water into the channel for a positive stream flow - big cost. The eggs could not be allowed to go dry. Bill Gates did this in his home in Seattle and got sockeye to spawn in it. Does Richmond Parks have the money Bill Gates -Microsoft has for such a project? I would say its not a good use of tax payer money. If you spent that money at a Harrison River chum salmon enhancement project, you could produce 1000+X more chum fry than for each dollar spent at TN Slough.

Meanwhile we have the Province and DFO allowing gravel mining on chum and sturgeon spawning habitat at Chilliwack etc. where we have a million fold more habitat that costs nothing to build or to maintain. Why are we destroying what nature has built for us then we try and recreate it at great expense where it probably will not work?? Any such project at TN Slough would be at a significant cost and at a high level of possible failure. It is a bit of a wild idea. Some will say that they remember chum spawning in the sloughs of Richmond. I entirely doubt that - it goes against all principles of successful salmonid natural reproductive

biology. If they did spawn in the mud of a Richmond Slough none of the eggs would have survived.

Finally if you want the TN Slough to be more natural and less stagnant, allow a positive flow from the river into it at least with each high tide and allow the water to exit on a significant and ongoing basis out onto Sturgeons Bank into a slough / ditch. This way some chum fry will get into the slough from natural sources (ie the river) and can rear there for a few weeks each spring and get out by following the current downstream ie out of the slough and into a good ditch-channel on Sturgeon Bank. This way the fry will not get trapped and be blue heron food. Also the Chinook salmon fry -smolts would use the slough even more than the chum fry.

When we (while in DFO) examined the old farm ditches on Annacis Island 30 years ago when the downstream part of the island was developed we found Chinook fry in the ditches. They got into the old farm ditches by getting around the leaky flap valves in the old dyke system. Something like this could be expected in TN Slough with a bit of ingenuity and some positive flow of water into the slough and out of it. It can be a rearing area for Fraser River fish but the slough should not be made into an attempted chum spawning area. If you put hatchery chum fry into the slough, where will the adults home to or return to? Open up the slough to more positive flow and it will be a more natural area for rearing chum and Chinook fry. Now TN slough is too much like a duck / ornamental pond. DFO does have Community Advisors (if Harper has not laid all of them off) that can also comment on this item.

You have my permission to share this

Sites of villages fill gaps in native lore

The territory of the Nusqueam was almost unimaginably rich in wildlife, interlaced with salmon streams and thick with waterfowl, dotted with the villages and towns of fishermen, seafarers, hunters, priests and artists.

What is known about the Vancouver area prior to non-native settlement can be gleaned in bits and pieces from the accounts of Capt. James Cook, Capt. George Vancouver, early fur traders, British engineers and Spanish explorers such as Cayetano Valdes and Dionisio Alcala Galiano.

Images of what life must have been like can be summoned from the memories of Musqueam elders, the stories they tell, and the broken shards of stories they remember being told when they were children.

In the accompanying map, place names of Musqueam sites are rendered in symbols used in an international linguistic code that uses numerals to identify certain sounds.

1. **striviti**. Once, a shellfish camp and temporary fishing village, known today as Sitawit.

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ing, at what is now Spanish Banks.
7. **Zucum**. An adjacent seasonal camp.
8. **Quil'ut**. Another seasonal camp. The site
of a canoe run, where stones were removed
from the beach and arranged in a fan-shaped
manner to facilitate beaching of cedar long-
boats. The area is threatened by cliff ero-
sion.
9. **Quin'Xum**. At Wreck Beach, this was the site
of a fortified longhouse and nearby was a
smaller fortified house.

10. Hum'lusum'. Site of a shell midden, this was once a permanent village, adjacent to a rich waterfowl hunting and sturgeon fishing area. ¹ Sq'muk'awcu. The meaning of this place-name is "octopus hole," describing part of the reason for this attraction for Musqueam fishermen. It was a seasonal camp.

12. Malt. An old Musqueam village site, within the boundaries of what is now the Musqueam reserve.

13. X'muzk'um. Cultural heartland of today's Musqueam. This general area has been inhabited for at least 3,000 years.

14. Xaculek. A seasonal camp near Camoosun bog lake, also associated with bear hunting and spiritual pursuits.

16. X'iye'yut. On Iona Island, this fishing camp is regarded as relatively recent among Musqueam sites, perhaps little more than three centuries old.

17. **Sq'sazin**. On Sed Island, this permanent village site, now destroyed, was once a thriving fishing community.

19. Wuy'quzun. A classic seasonal village, the site was a bustle of activity during salmon and sturgeon fishing season. Based on finds such

as hand mauls, archeologists believe much woodwork also occurred here. It is almost completely destroyed by diking and runway.

20. Spuluk'ugs. Another busy seasonal fishing village across the mouth of what is now called the Fraser's middle arm from Wiy'nil-

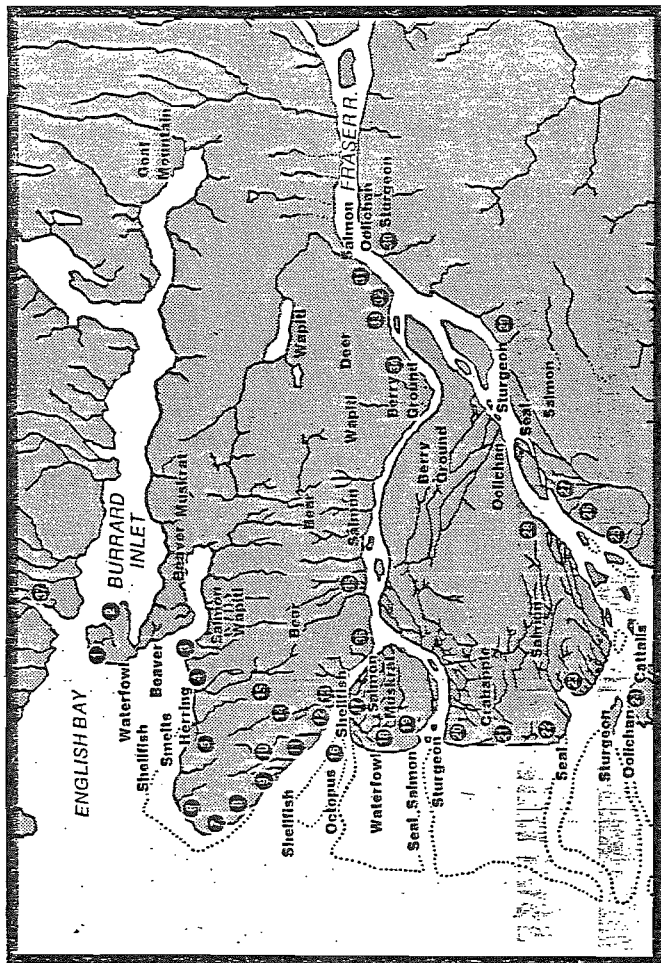
21. *Unx'teun*. A small campsite on the shoreline of Sturgeon Bank, associated with mor-

22. Q'uys'x'. A seasonal fishing village at what is now Gary Point, just west of Staves-

on. The village was in use long after white,

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INDIAN COMMUNITIES and natural resources of the early Lower Mainland

ancient fishing site is no longer known. It was near the old Sunswick Cannery site, where Musqueam cannery workers were housed in special longhouse-style cannery homes early in this century, and adjacent to Canby Pass, a major fishing area for Musqueam fisherman.

26. Sedux camp. Believed to be a seasonal fishing village, this site was also close to a major cannery harvesting area. It was destroyed when the Lewis and Clark channel was cut by the Lewis and Clark dam, which lowered the level of the main channel.

1. **Abstract:** The purpose of this study was to determine the effect of a 12-week training program on the physical fitness and health of sedentary middle-aged men. The study was a randomized controlled trial. The participants were divided into two groups: a control group and an intervention group. The control group continued with their sedentary lifestyle, while the intervention group followed a 12-week training program. The training program consisted of three sessions per week, each lasting 45 minutes. The sessions included aerobic exercise, strength training, and flexibility exercises. The physical fitness and health of the participants were measured at baseline and at the end of the 12-week program. The results showed that the intervention group had significantly higher levels of physical fitness and better health outcomes compared to the control group. The findings suggest that a 12-week training program can effectively improve the physical fitness and health of sedentary middle-aged men.

Schedule 2 to the Minutes of the Parks, Recreation & Cultural Services Committee meeting of Richmond City Council held on Tuesday, March 24, 2015.

3/24/2015

Gilbert Beach looking West

Richmond-20150318-01544.jpg



Schedule 3 to the Minutes of the Parks, Recreation & Cultural Services Committee meeting of Richmond City Council held on Tuesday, March 24, 2015.

3/24/2015 Temporary Debris Boom on City Land Richmond-20150318-01554.jpg and water lot ~~East~~ of 42nd Pier



3/24/2015

Debris Boom - Showing Gaps

Richmond-20150318-01546.jpg

