

HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Website – www.hspcb.org.in E-Mail: hspcbwatercell@gmail.com
Ph: 0172-2577870-873

No. HSPCB/WC/2025

Dated: 11.03.2025

To

1. All SESTF/ DSTF Members
2. All Regional Officer, HSPCB

Sub: Proceedings of review meeting by RRC through VC held 05.02.2025 at 3:00 PM with SESTFs/ DSTFs in conference room of HSPCB, C-11, Sector-6, Panchkula.

Kindly refer to the subject noted above.

In this connection, I have been directed to enclose herewith the copy of the proceedings of review meeting by RRC through VC held 05.02.2025 at 3:00 PM with SESTFs/ DSTFs in conference room of HSPCB, C-11, Sector-6, Panchkula for your information and necessary action please.

Digitally signed by
JATINDERPAL SINGH
Date: 11-03-2025
15:33:23
Sr. Env. Engineer (HQ)
For Member Secretary

Endst No. HSPCB/WC/2025

Dated: 11.03.2025

A copy of the above is forwarded to the following for information please:-

1. Director, Environment, Haryana, Panchkula
2. Director, Urban Local Bodies Department, Haryana, Panchkula
3. Director, Industries Department, Haryana, Chandigarh

Sr. Env. Engineer (HQ)
For Member Secretary

Endst No. HSPCB/WC/2025

Dated: 11.03.2025

A copy of the above is forwarded to the following for information please:-

1. Dr. Babu Ram, Technical Expert, HSPCB
2. CEE - I, HSPCB.

Sr. Env. Engineer (HQ)
For Member Secretary

Sub:- Report (proceedings) for review meeting by RRC through VC held on 05.02.2025 at 3:00 PM with SESTFs/ DSTFs in conference room of HSPCB, C-11, Sector-6, Panchkula.

1. NGT vide order dated 20.09.2018 (**copy enclosed**), had directed to constitute SESTFs/ RRC for rejuvenation of rivers and submit river action plans by December, 2018. The Govt. submitted action plan on 31.01.2019 along Bank Guarantee of Rs. 15 Crores. The target dates were kept at Dec., 2021. Subsequently, these dates have been extended upto December, 2025. Same affidavit of State Govt. has been submitted before Supreme Govt. Now only 11 months have left for achieving the target dates and thereby cleaning of drains/ rivers. So, this review has been called.
2. In the recent past, meeting with SESTF were held on 11.09.2024, 22.10.2024, 5.11.2024 and 02.01.2025.
3. The decisions were as follows:-
 - i. The names of officers who have not supplied the information of land owner for illegal units be given along copy of communications made to them by ROs, HSPCB.
 - ii. As per mandate of NGT, the examples of good works be given for rewards regarding river action plan.
 - iii. Some Regional Officers/ Field officers claimed that there are no violations/ river pollution from their areas. So the area jurisdiction along certificate be given by those officers.
 - iv. The detail of visits of projects sites by DCs/ ADCs be given as in the past many projects got have crossed the targeted timelines.
 - v. Taking action against violators. The HSPCB has been filed prosecution cases and now these are to be shifted in the District courts after secession of the Environment Court. The process is very slow and this will cause delay in creating deterrent for the violators. The representative of RO and district judge may take up this issue for expeditious trial against the violators. The abstract for the cases are given as under:-

Abstract for transfer of cases from Environment court to District Courts (spreadsheet)								
Sr. No	Region	Number of cases Before, 2018	Number of case filed after, 2018	Total	No. of cases Advocate engaged	No of cases transferred	Name of court	No. of cases exemption for personal appearance
1	Palwal	0	12	12	1		11	
2	GRN	17	105	122	5	112	111	3
3	BLB	3	62	65	41	65	65	
4	HSR	0	17	17	17	17	17	
5	Sirsa	0	6	6	4	6	6	
6	Fatehabad	0	2	2		2	2	
7	BDH	1	15	16	16	16	16	
8	AMB	17	25	42	38	40	40	
9	GRS	61	22	83	54	83	83	54
10	Jind	2	8	10	10	10	10	
11	SNP	9	31	40	22	10	25	6
12	YNR	1	54	55	53	51	51	
13	PKL	2	24	26	25	25	25	3
14	FR	18	16	34	15	32	32	9
15	PNP	6	46	52	52	52	52	
16	KKR	0	8	8	8	8	8	
17	Bhiwani	0	46	46	40	40	40	
18	Charkhi Dadri	2	46	48	45	45	45	
19	Nuh	0	7	7	7	7	7	
20	Mahendergarh	2	19	21	21	21	21	
21	Rohtak	0	9	9	9	9	9	
	Total	141	580	721	483	651	676	75

4. During the review Sh. JP Singh, SEE informed that the quality of drains joining river Ghaggar and Yamuna are as under:-

Comparative quality of water in drains joining river Yamuna from 2022 to 2025

Sr.	Name of Drain	District	2022	2023	2024	2025
1	Ditch Drain/Dhanaura Escape	Yamuna Nagar	10	34	79	110
2	Dr No.2 at Khojkipur	Panipat	92	66	77	
3	Dr No.6	Sonipat	73	79	94	135
4	Mungeshpur Drain	Jhajjar	34	18	20	
5	KCB drain	Jhajjar	30	23	19	
6	Drain No. 8	Jhajjar	34	19	18	
7	Leg I	Gurugram	49	48	88	
8	Leg II	Gurugram	58	63	97	
9	Leg III (Badshahpur)	Gurugram	57	44	106	
10	Budhiya Nala	Faridabad	92	77	139	170
11	Gaunchi drain	Palwal	39	23	15	

Comparative quality of water in drains joining river Ghaggar from 2022 to 2025

Sr. No.	Name of Drain	Dist	2022	2023	2024
1	Ghaggar river after meeting discharge of STP Sec-28	PKL	15	7.41	6
2	MDC drain before entering into Punjab area near Raipur Kalan Temple	PKL	187	180	57
3	Singh Nallah choe before entering punjab near Mamta Enclave, Near Slaughter house Panchkula	PKL	63	114	40
4	Ambala drain near Motor Market	AMB	38	36	94
5	Ghail drain at Samaspur, Ambala	AMB	24	37	85
6	Markanda River Bhagal Bridge	KTL	37	29	21
7	Cheeka drain	KTL	35	30	21.5
8	Sagar Para drain before Ghaghar	KTL	38	24	19
9	Kaithal drain before River Ghaggar	KTL	34	29	21.5
10	Discharge of Ratia Town through drain	HSR	10	6	16.5
11	Discharge of Jakhal	HSR	8	8	7.5
12	Discharge of 7.5 MLD STP PHED Ellenabad, Sirsa into River Ghaggar	HSR	7	8	7.5

It can be observed that quality of water in drains carrying effluent of ____ have improved and worsen for ____ with the implementation of action plan.

5. The RRC observes that SESTF have not given/ identified the department / persons who were instrumental in making improvement in water quality of drain. Similarly, there are no details available with SESTF for worsening of the water quality even after implementation of action. What were the reasons of futures and no responsibility fixation report has been sent by any SESTF.

The quantum of industrial effluent, resulting in pollution of drain has not been provided and hence, no action plans for this kind of effluent.

During previous review meetings, clearcut instructions were issued to SESTFs for providing details of violating persons but the same has not been provided so far before the RRC. None of the member reported even orally for this issue. The quantum treated/ untreated effluent similar to that submitted in case of Ghaggar has not been given.

It has been observed that NGT had ordered for mission mode work and in the past Monitoring Committee of Ms. Shailaja Chandra worked from 2018 to 2021. Similarly, Executive Committee under Justice Pritam Pal worked from 2018 to 2021 who monitored the work relating to preparations and implementation of action plan. The DO letters at levels of Chief Secretary were written about the adverse observations of the NGT and HODs were exhorted to record failures in ACRs of the officers. But there is no such failure recorded for any officer of any department. The timelines have been frequently extended.

6. The progress which needs to be monitored closely on following issues:-

- i. Online Monitoring of STPs/ CETPs/ Industries along their flow quantum and
- ii. Real Time Water Quality Monitoring for interstate borders and display in public domains as directed by Supreme Court.
- iii. Plantation done in compliance of NGT orders.
- iv. Watershed
- v. Solid Waste in drains
- vi. Disposal through illegal tankers. The case of M/s ABenbev is a specific example and no report given by RO Sonapat.
- vii. Reuse of treated sewage/ effluent/ quality thereof.
- viii. Household connections
- ix. Maintenance of village pond system. There is no consent for these treatment systems as mandate of Water Act. There are chances of abandonment of this infrastructure being developed by Govt. The consent mechanism shall ensure their regular monitoring and then maintained.
- x. The CETPs were to be set up in Faridabad and Gurugram.
- xi. The flow at bypass not provided for mining STPs. The list has already been provided separately.

- xii. The OMDs not provided for the STPs. The list has already been provided separately.
 - xiii. The encroachment in river Ghaggar and Jhajra Drain at some locations have been observed.
 - xiv. The mesh on river bridges has been provided at Panchkula. Locations only and no report for any other locations. The will restrict the indiscriminate throwing of work material or religious offering.
 - xv. The drains have lot of solid waste on its beds/ banks. There are no reports from Irrigation Department regarding putting throwing of waste into drains.
 - xvi. There are jhuggis in Bank/ bed of rivers but these have not been evicted by Irrigation Department or concerned department.
 - xvii. Prevention Solid Waste disposal by WTE.
 - xviii. Alternate places for disposal of religions material.
 - xix. Meshes at bridges to prevent throwing of waste material have not been developed so far.
 - xx. Extraction of solid material flowing in river/ drains is required to be done as it results in pollution.
7. The report of the Sub-Committee regarding solid waste into drains enclosed as as **Annexure-1**. The compliance of this report is required from the concerned departments.
8. The Action Plan submitted for drain/ river Yamuna is submitted 457 MLD was to be completed by December- 2024, March-2025, June-2025 and December-2025:-

Sr. No.	Quantum (MLD)	Given Timelines in Action Plan before Supreme Court
1.	146 Completed 136 MLD pending	31.12.24
2.	65.5	31.03.25
3.	10	30.06.25
4.	99.5	31.12.25
Total	457	

But now, some untreated sewage shall continue to flow even after December, 2025 at Yamuna Nagar, Faridabad and Gurugram. The quantum and sources needs to be reassessed. The Action Plan for 11 drains is attached as as **Annexure-2**.

9. From this plan and previously submitted plan before the NGT, we can deduct that as major part is already implemented since January, 2019. So, Yamuna should have been cleaned by now. But it is not so.

Water Quality during COVID- Lock down period shows that rivers were clean. The sewage was flowing as such even then. So, it is proved that industrial effluent which made difference during that period. This aspect is broadly not in record of action plan to clean rivers.

It is worth to mention that the DO letter dt. 05.12.2024 from GOI to CS, why drains are not clean inspite of having sufficient capacity.

10. Most of STPs are operating Ok. If it is so then sludge should be generated and disposed scientifically. No record of sludge is checked or submitted by operators. Not even by HSPCB ROs/ FOs/ Engineers/ Scientists.

11. Long term plan for rivers

- Rejuvenate the rivers
- Restore quality of water of rivers
- Restore flora and fauna of the rivers

The above aspects are possible with the improvement in water quality & quantity both. The water extraction/ diversion pressure on river water has to be reduced by re-use of treated water so that more and more water is available for flow in the rivers. The creating storage through watershed structures, villages, ponds, etc shall also help in increasing the water availability.

12. So, immediate action is required on following aspects:-

- i. All STPs/ CETPs to be checked from scratch. The Senior Officers at HO of concerned departments should own the responsibility.
- ii. The Senior Officers of HSPCB to own the responsibility.
- iii. The industries will have to be made to operate their ETPs.
- iv. The illegal industries need to be closed.
- v. The OMDs need to be made functional.
- vi. The disposal through illegal tankers needs to be stopped immediately as per policy already issued by ULBD in urban areas.
- vii. The D&P to issue/ mechanism for disposal through tankers immediately for rural areas.

Annexure

List of participants of review meeting by RRC through VC held on 05.02.2025 at 3:00 PM with SESTFs/ DSTFs in conference room of HSPCB, C-11, Sector-6, Panchkula.

Sr. No.	List of participants and designation
	Present in person
1.	Sh. Pardeep Kumar, IAS, Member Secretary, HSPCB
2.	Director, Urban Local Bodies
3.	Sh. JP Singh, SEE, HSPCB
	Through VC
	Panipat
4.	Tinu poswal CTM Panipat
5.	Sh. Bhupinder Singh, RO, HSPCB, Panipat
	Jhajjar
6.	Sh. Ravinder Malik, HCS, SDM, Beri
7.	Sh. Rajender, ACP, Bahadurgarh
8.	Sh. Shakti Singh, EE, RO, HSPCB, Bahadurgarh
9.	Sh. Amit Kumar, AEE, HSPCB, Bahadurgarh
	Sonipat
10.	Sh. Ankita Choudhary, IAS, ADC, Sonipat
11.	Sh Parcheta Singh CJM -cum - Secretary DLSA, Sonipat
12.	Sh. Mukesh Jakhar HPS , ACP , Rai, Sonipat
13.	Sh. Pardeep Singh , RO, HSPCB, Sonipat
	Kurukshetra
14.	Sh. Nitin Mehta RO, HSPCB, Kurukshetra
15.	Dr. Devender Singh, Sc-B, HSPCB , Kurukshetra
16.	Sh. Roshan Lal, Advocate
17.	Smt. Deepika representative of SDM Thanesar
	Panchkula
18.	Sh. Vikram Nehra, ACP, Panchkula
19.	Sh. Manbir Radhi, Advocate
20.	Sh. Ravinder Singh, Sc. B, HSPCB, Panchkula
	Karnal
21.	Sh. Shailender Arora, RO, HSPCB, Karnal
22.	Sh. Abhishek Sher, XEN, PHED, Karnal
23.	Sh. Bhaghirath, DLSA, Karnal
24.	Sh. Rajiv Kumar, DSP, Karnal
	Yamuna Nagar
25.	Virender Singh Punia representative of DC, Yamunanagar
26.	Vibham Nayak, AEE representative of RO, Yamunanagar
27.	Sourabh Ahlawat, XEN PHED, Yamunanagar
28.	Dinesh Gaba, XEN PHED, Yamunanagar
29.	Vinod Kumar, XEN Irrigation, Yamunanagar
	Rohtak
30.	Sh. Narendra Kumar, ADC, Advocate, DLSA

31.	Sh.Ravi Khundia, DSP, HQ, Rohtak
32.	Sh. Dinesh Kumar, RO, HSPCB, Rohtak
33.	Sh.Sachin Kumar, AEE, HSPCB, Rohtak
	Sirsa
	Sh. Vijay Singh, representative of Deputy Superintendent of Police, Sirsa
	Sh. Kashi Ram Pilania, representative of Session Judge, District Court, Sirsa
34.	Dr. Sunil Sheoran, RO, HSPCB, Sirsa
	Jind
35.	Sh. Ashwani, RO, Jind
	Nuh
	Sh. Virender, DDPO, Nuh
	Sh. Ajaib Singh, DSP, Nuh
	Sh. Vipin Kumar, RO,
36.	Sh. Manish Yadav, AEE, Nuh
	Kaithal
37.	Sh. Anit Kumar, PA to ADC
38.	Sh. Amarjeet, Reader, DSP, Guhla
39.	Sh. Rajiv Puri, Superintendent, CJM
40.	Sh. Nipun Gupta, RO, HSPCB, Kaithal
41.	Sh. Satish Kumar, Scientist-B, HSPCB, Kaithal
	Fatehabad
42.	Dr. Sunil Sheoran, RO, Fatehabad
43.	Sh. Rashvender Duhan, NAIB Tehsildar, Jakhal
44.	Sh. Kaushal mehta Advocate representative of Judge
45.	Deepak Scientist-B HSPCB Fatehabad
	Palwal
46.	Smt. Akansha Tanwar, RO, HSPCB, Palwal
47.	Sh. Ran Singh, Advocate, Palwal
48.	Sh. Anil Kumar, DSP, Palwal
	Ballabgarh
	Sh. Pradeep Kumar, DDPO, Faridabad, Representative of DC, Faridabad
49.	Adv. RC Gola, representative of Session judge, Faridabad
50.	Sh.Vikash Kumar, JEE, HSPCB, Ballabgarh Region
	Ambala
51.	Sh Vijay Kumar, HPS, DSP, Ambala
52.	Sh. Parveen, CJM-cum-Secretary, District Legal Services Authority as a Nomine of District Session Judge, Ambala
53.	Sh. Ajay Singh, RO, HSPCB, Ambala
54.	Sh. Sukhram Scientist-B, HSPCB, Ambala
	Gurugram
55.	Sh. Hitesh Meena, IAS, ADC
56.	Sh. Vijay Chaudhary, RO, HSPCB, Gurugram
57.	Sh. Divyanshu, AEE, HSPCB, Ambala
58.	Sh. Vishal, AEE, HSPCB, Ambala

Subject:- Report of the sub-committee.

A Sub-Committee was constituted by Executive Committee vide letter No. 810 Dated 09.03.2020. The Sub-Committee has been asked to carry out the survey of pollution sources for stretch of river Ghaggar upto Ambala. The Sub-Committee made field visits along officers of Irrigation Department, MC Panchkula, MC Ambala for pollution sources of River Ghaggar.

1. River Ghaggar at entry point in Haryana from HP


The samples of River Ghaggar were collected in presence of Sh. Avinash Sharda, RO Poanta (HP) and Sh. VS Punia, RO Panchkula. The results as in table 1 shows the BOD value 2.6 mg/l.



Figure-1 River Ghaggar at entry point of Haryana from HP

Water quality of Ghaggar River at Haryana-Himachal Border

Ghaggar River at Haryana-Himachal Border		
Report No/ Dated:- 2455/17.04.2020		
Sr. No.	Parameter	Result
1	PH	7.72
2	BOD(mg/l)	2.6
3	COD (mg/l)	18.4
4	TSS (mg/l)	8.0
5	T. Coli (MPN /100 ml)	242000



6	DO mg/l	6.7	
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Table 1 :-Analysis Report of water at entry point of Haryana from HP

2. River Kaushalya at Entry point of Haryana from HP

The samples of Kaushalya river were collected in presence of Sh. Suresh Kumar, JEE, RO, Parwanoo and Sh. VS Punia, RO, Panchkula. The results of samples are shown in Table-2.



Figure-1 River Ghaggar at entry point of Haryana from HP

Water quality of Kaushalya River at Haryana-Himachal Border

Table No. 2: Kaushalya River at Haryana-Himachal Border

Report No/ Dated:- 2456/17.04.2020		
Sr. No.	Parameter	Result
1	PH	7.52
2	BOD(mg/l)	3.6
3	COD (mg/l)	22.8
4	TSS (mg/l)	11.0
5	T. Coli (MPN /100 ml)	232000




Table 2:-Analysis results of water in Kaushalya River at Haryana-HP Border.



Figure 2:- Jhuggis on the bank of Kaushalya River

During visit it has been observed that the Jhuggi is situated in the bank of river and clothes were seen being washed in river water. The disposal of human feral cannot be ruled out. The NGT has already directed for removal of encroachments on river banks. So the jhuggis should be removed from bank of river Kaushalya as the water is being used for drinking purpose.

The car is seen being washed in river bed of Kaushalya. Such activities should not be allowed and punitive action should be taken. The HPPCB/ Irrigation Department should take action against them. A policy order should be issued for such violation & officers designated.

3. Waste disposal on bank of sub-drain of Kaushalya River near Parwanoo

Gunny bags were seen littered on the bank of sub-drain under bridge of NH. The bags shall ultimately find way to River during rains. The concerned department of HP need to clear it and further prevent such illegal and unscientific disposal of waste in catchment of river/ drains.



Figure-2 used bags thrown on bank of sub-drain under bridge of Shimla Highway

4. Waste disposal in Sukhna Drain/ Jhajjar Nadi

The waste material such as clothes, plastic packaging material found littered in bed of drain. The waste has arrived in the drain with water during rainy period from catchment area in HP. The waste is also disposed by people habitating on bank of drain in Kalka. But the quantum indicate that majority of waste arrived from HP and establish poor management in both areas. The concerned MC's should get these removal and further submit plan/ mechanism so that people also not throw these in drains/ rivers & dispose it at designated place.



Fig 3:- Waste material lying dumped/ thrown/ lathered in Sukhna Nallah

Jhajjra Nadi (Sukhna Nallah) at boundary of Haryana near hanuman Temple		
Report No/ Dated:- 2457/17.04.2020		
Sr. No.	Parameter	Result
1	PH	7.78
2	BOD(mg/l)	16.0
3	COD (mg/l)	67.2
4	TSS (mg/l)	32.0
5	T. Coli (MPN /100 ml)	345000




Figure-4:- The waste water at Border

The water is also found dumped on bank of Sukhna/ Jhajjar drain in Kalka at border. The temples situated nearby can play a big role in prevention of waste disposal. The priest can guide/ persuade devotees visiting temple for not to throw any pooja material in drains. They should place some arrangement for disposal is consult with MC authorities. The MC & Irrigation Department should get the drain cleared and then make arrangements for its prevention. The banks should be cordoned off with screens or wire mesh. The punitive actions should also be taken. The CCTV cameras should be installed or use already installed CCTV cameras. The team also strolled the bed of drain along Kalka town. The treated and untreated waste water is released into drain from various colonies. The sewage from Khilla Colony, Bhero ki Sher, khatig Mohalla is released into Jhajjar drain. But all sewage find its way into subsoil due to seepage and do not reach even upto bridge of Kalka highway near PWD Rest House, Kalka. But large quantity of plastic & Clothes is littered in river bed which has arrived with floods. the MC/ Irrigation Department should get it cleared and further take all steps to prevent littering in drain/ river bed.



Fig 5:-The latter plastic, packaging material, clothes etc. seen lettered in river bed and mushrooming of Jhuggis.

There is encroachment near and on river bed and juggis are mushrooming. The disposal sewage, Faecal and other waste in the drain can't be ruled out. The figure shows the encroachment. The MC should get the encroachment removed as per NGT order and rehabilitate the land with plantation of trees and wire fanning.

5. Bangali Basti Kalka

Untreated sewage of Gurbox Colony, Railway Colony, Bangali Basti is released into drain which ultimately find way in Jhajjra River. The PHED has already installed 0.25 MLD STP in Kalka but the sewage has not been tapped and treated into STP. The sewage should be intercepted and treated in this STP.

6. Khatig Mohalla, Kalka



The sewage and solid was disposed directly in Sukhna Nallah (Jhajjra River). The MC/ Irrigation Department should get it cleaned and cordon off the drain at bridge to prevent disposal of Solid waste. MC should also take punitive action and solid waste management mechanism should be implemented at the earliest. **The Figure-6** show disposal of sewage and solid waste. The waste has also been carried along flood and reached at this place.



Fig 6:- Solid Waste littered in the bed

7. Disposal of Manimajra sewage into Mani Majra Drain

Sewage of Manimajra is disposed into MDC Drain near Sector-18 Panchkula. The results of analysis are given in Table-2. The Figure-8 shows the point of disposal.



Figure-7 Discharge of sewage of Manimajra into MDC drain.

8. Disposal of Solid Waste in MDC drain

Lot of waste was found littered in the drain near mandir in Swastik Vihar. HSVP should get it cleared and ensure to further prevent the disposal of waste.

The Solid Waste also found dumped MDC into drains near market of Manimajra. Lot Solid Waste thrown in this drain can be seen bridge on Chandigarh, Panchkula near Pir Dargarh. The HSVP and MC, Chandigarh to cordon off the drain and prevent thrown of waste into drains. The Sign Board should be placed near bridge depicting message regarding "not to throw" solid waste into drain. Liquor vendors have placed their hoardings rather. The figure shows existence of solid waste.



Figure-8 Solid Waste into drain at bridge near Sector-18, Panchkula.

9. Sewage of Sector-18 into MDC drain

There is disposal of sewage near bridge on road between Sector-18 and Sector-17, Panchkula on both sides of bridge. The Figure-8 show, the disposal of sewage and solid waste into drain MC/ HSVP to take preventive action for this.



Figure-9 Disposal of Solid Waste on bank of MDC drain

10. Dumping of Solid Waste on bank of MDC drain near Rajiv Colony

The solid waste has been dumped on the bank of MDC drain. Figure-9 shows the waste disposal. The MC need to clear and cordon off.

11. Land near drain.

MC Chandigarh should get the waste lifted and the area need to be cordoned off to further greenery can be developed in this patch of land on the bank of drain at shown in Figure 9.

12. Drain near K area

There is an opening under Zirakpur - Shimla Highway. The untreated sewage of Baltana released into drain which outfalls into Sukhna Choe.

